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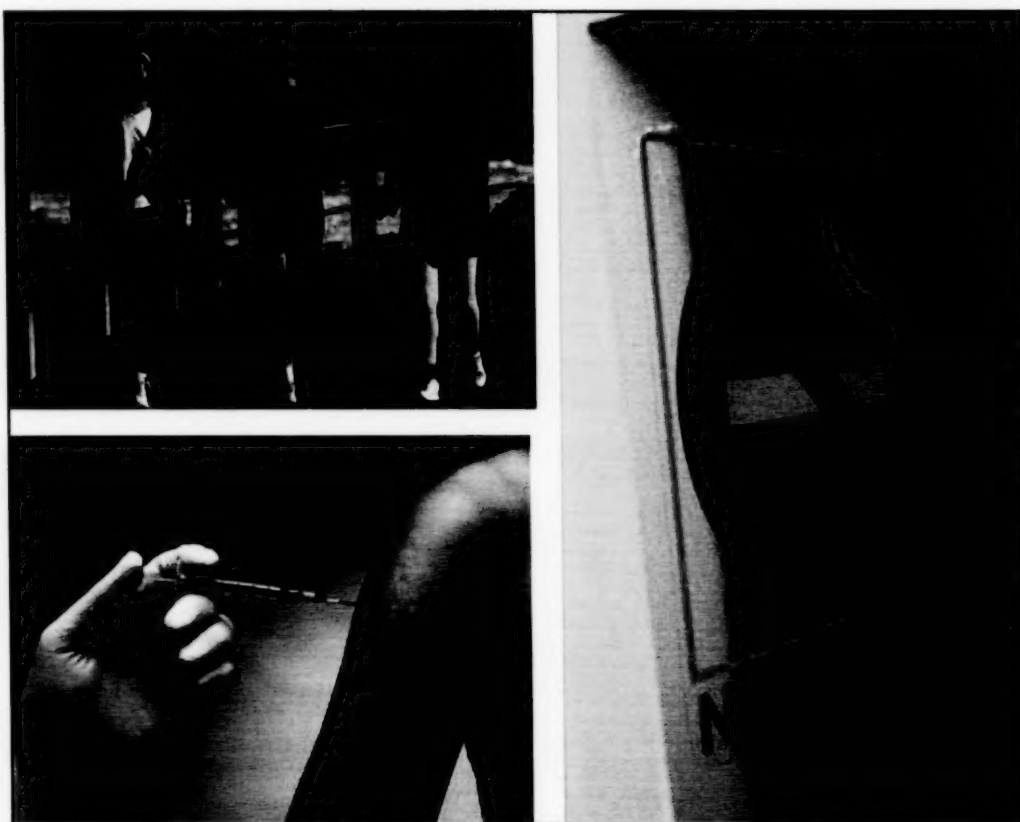
**MMWR**

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May 31, 2013

## Surveillance for Certain Health Behaviors Among States and Selected Local Areas — United States, 2010



**U.S. Department of Health and Human Services**  
Centers for Disease Control and Prevention

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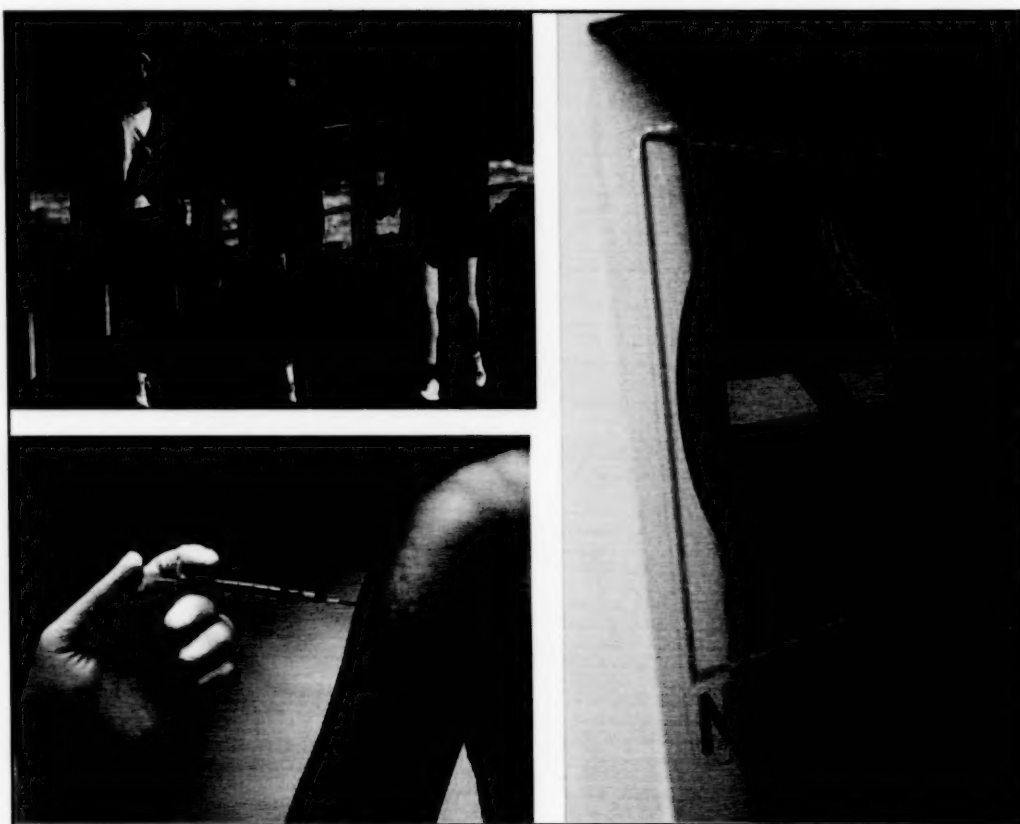
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# Surveillance for Certain Health Behaviors Among States and Selected Local Areas — United States, 2010

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## Abstract

**Problem:** Chronic diseases (e.g., heart disease, stroke, cancer, and diabetes) are the leading causes of morbidity and mortality in the United States. Engaging in healthy behaviors (e.g., quitting smoking and tobacco use, being more physically active, and eating a nutritious diet) and accessing preventive health-care services (e.g., routine physical checkups, screening for cancer, checking blood pressure, testing blood cholesterol, and receiving recommended vaccinations) can reduce morbidity and mortality from chronic and infectious disease and lower medical costs. Monitoring and evaluating health-risk behaviors and the use of health services is essential to developing intervention programs, promotion strategies, and health policies that address public health at multiple levels, including state, territory, metropolitan and micropolitan statistical area (MMSA), and county.

**Reporting Period:** January–December 2010.

**Description of the System:** The Behavioral Risk Factor Surveillance System (BRFSS) is an ongoing, state-based, random-digit-dialed telephone survey of noninstitutionalized adults aged ≥18 years residing in the United States. BRFSS collects data on health-risk behaviors, chronic diseases and conditions, access to health care, and use of preventive health services and practices related to the leading causes of death and disabilities in the United States. This report presents results for 2010 for all 50 states, the District of Columbia, the Commonwealth of Puerto Rico, Guam, the U.S. Virgin Islands, 192 MMSAs, and 302 counties.

**Results:** In 2010, the estimated prevalence of high-risk health behaviors, chronic diseases and conditions, access to health care, and use of preventive health services varied substantially by state and territory, MMSA, and county. In the following summary of results, each set of proportions refers to the range of estimated prevalence for the disease, condition, or behaviors, as reported by survey respondents. Adults reporting good or better health: 67.9%–89.3% for states and territories, 72.2%–92.1% for MMSAs, and 72.8%–95.8% for counties. Adults with health-care coverage: 69.4%–95.7% for states and territories, 45.7%–97.0% for MMSAs, and 45.7%–97.2% for counties. Adults who had a dental visit in the past year: 57.2%–81.7% for states and territories, 47.1%–83.5% for MMSAs, and 47.1%–88.2% for counties. Adults aged ≥65 years having had all their natural teeth extracted (edentulism): 7.4%–36.0% for states and territories, 4.8%–34.8% for MMSAs, and 2.4%–39.3% for counties. A routine physical checkup during the preceding 12 months: 53.8%–80.0% for states and territories, 49.5%–82.6% for MMSAs, and 49.5%–85.3% for counties. Influenza vaccination received during the preceding 12 months among adults aged ≥65 years: 26.9%–73.4% for states and territories, 51.7%–77.1% for MMSAs, and 49.3%–87.8% for counties. Pneumococcal vaccination ever received among adults aged ≥65 years: 24.7%–74.0% for states and territories, 48.6%–79.9% for MMSAs, and 47.6%–83.1% for counties. Sigmoidoscopy or colonoscopy ever received among adults aged ≥50 years: 37.8%–75.7% for states and territories, 37.3%–79.9% for MMSAs, and 37.3%–82.5% for counties. Blood stool test received during the preceding 2 years among adults aged ≥50 years:

8.5%–27.0% for states and territories, 6.7%–51.3% for MMSAs, and 6.8%–57.2% for counties. Women who reported having had a Papanicolaou test during the preceding 3 years: 67.8%–88.9% for states and territories, 63.3%–91.2% for MMSAs, and 63.2%–95.7% for counties. Women aged ≥40 years who had a

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mammogram during the preceding 2 years: 63.8%–83.6% for states and territories, 60.3%–86.2% for MMSAs, and 59.3%–89.7% for counties. Current cigarette smokers: 5.8%–26.8% for states and territories, 5.8%–28.5% for MMSAs, and 5.9%–29.8% for counties. Binge drinking during the preceding month: 6.6%–21.6% for states and territories, 3.6%–23.0% for MMSAs, and 3.8%–24.0% for counties. Heavy drinking during the preceding month: 2.0%–7.2% for states and territories, 1.0%–10.0% for MMSAs, and 1.0%–14.2% for counties. Adults reporting no leisure-time physical activity: 17.5%–42.3% for states and territories, 13.1%–37.6% for MMSAs, and 8.5%–39.0% for counties. Adults who were overweight: 32.6%–40.7% for states and territories, 28.5%–42.5% for MMSAs, and 27.2%–46.4% for counties. Adults aged  $\geq 20$  years who were obese: 22.1%–35.0% for states and territories, 17.1%–42.1% for MMSAs, and 13.3%–42.1% for counties. Adults with current asthma: 5.2%–11.1% for states and territories, 3.4%–14.5% for MMSAs, and 3.3%–14.6% for counties. Adults with diagnosed diabetes: 5.3%–13.2% for states and territories, 4.6%–15.4% for MMSAs, and 2.6%–18.8% for counties. Adults with limited activities because of physical, mental or emotional problems: 10.8%–28.2% for states and territories, 13.5%–38.3% for MMSAs, and 11.7%–32.0% for counties. Adults using special equipment because of any health problem: 2.8%–10.6% for states and territories, 4.5%–15.5% for MMSAs, and 1.3%–15.5% for counties. Adults aged  $\geq 45$  years who have had coronary heart disease: 5.3%–16.7% for states and territories, 6.5%–19.6% for MMSAs, and 4.9%–19.6% for counties. Adults aged  $\geq 45$  years who have had a stroke: 2.4%–7.1% for states and territories, 2.3%–8.8% for MMSAs, and 1.7%–8.8% for counties.

**Interpretation:** The findings in this report indicate substantial variations in the health-risk behaviors, chronic diseases and conditions, access to health-care services, and the use of the preventive health services among U.S. adults at the state and territory, MMSA, and county levels. *Healthy People 2010* (HP 2010) objectives were established to monitor health behaviors, conditions, and the use of preventive health services for the first decade of the 2000s. The findings in this report indicate that many of the HP 2010 objectives were not achieved by 2010. The findings underscore the continued need for surveillance of health-risk behaviors, chronic diseases, and conditions and of the use of preventive health-care services.

**Public Health Action:** Local and state health departments and federal agencies use BRFSS data to identify populations at high risk for certain health-risk behaviors, chronic diseases, and conditions and to evaluate the use of preventive health-care services. BRFSS data also are used to direct, implement, monitor, and evaluate public health programs and policies that can lead to a reduction in morbidity and mortality from chronic conditions and corresponding health-risk behaviors.

## Introduction

Chronic diseases (e.g., heart disease, cancer, stroke, and diabetes) are the leading causes of morbidity and mortality in the United States (1,2). Engaging in healthy behaviors (e.g., quitting smoking and tobacco use, being more physically active, and eating a nutritious diet) and accessing preventive health-care services (e.g., routine physical checkups, screening for cancer, checking blood pressure, testing blood cholesterol, and receiving recommended vaccinations) can reduce morbidity and mortality from chronic and infectious disease and lower medical costs (3). Ongoing state-based surveillance is essential to identify health issues and disparities and to design, implement, and evaluate health programs and policies; surveillance data indicate that the estimated prevalence of health-risk factors, chronic conditions, and use of preventive services varies substantially across the United States (4,5).

The Behavioral Risk Factor Surveillance System (BRFSS) is the world's largest ongoing telephone survey. Since 1984, CDC has assisted state and territorial health departments in conducting the BRFSS survey to track health conditions and health-risk behaviors. BRFSS is the one of the main sources of health information in the United States on chronic disease

conditions, health-risk behaviors, emerging health problems, and the use of preventive health services. The data are used to set health goals and monitor public health progress at national, state, and local levels. Since 2002, the sufficient sample size in BRFSS has facilitated analysis of prevalence estimates from selected metropolitan and micropolitan statistical areas (MMSAs), metropolitan divisions, and their counties.

*Healthy People* objectives represent national goals to prevent diseases, decrease morbidity and mortality, and promote health. These objectives include specific objectives to be achieved by the end of each decade and can be used to monitor and develop health promotions and disease prevention programs at the state and local levels (6). *Healthy People 2010* (HP 2010) objectives were based on several national data sources. This analysis used BRFSS data to track health-risk behaviors during 2010 to determine if HP 2010 objectives were met by states and localities. *Healthy People 2020* (HP 2020) is available at <http://www.healthypeople.gov/2020/topicsobjectives2020/default.aspx>. Many of the HP 2020 objectives are continued from HP 2010. BRFSS provides data for state and local areas that might not be available from national data sources for these objectives. This report contains comparisons between 2010 BRFSS data and certain HP 2010 objectives related to

chronic diseases, health-risk behaviors, and use of preventive health care services.

## Methods

BRFSS is a cross-sectional, random-digit-dialed, state-based survey that includes annual data on approximately 400,000 adults aged  $\geq 18$  years who completed interviews (7). BRFSS uses a multistage sampling design to select a representative sample of the noninstitutionalized civilian population in each state and territory. Details of the validity and reliability of the BRFSS survey methodology have been described previously (8). This report provides comparable unweighted sample size, weighted prevalence estimates with standard errors and 95% confidence intervals for prevalence of selected risk behaviors, chronic conditions, use of preventive health-care services by states and territories, MMSAs, and counties.

## Questionnaire

The standard BRFSS questionnaire comprises three parts: 1) core questions, 2) optional modules, and 3) state-added questions. Data collectors from all states, the District of Columbia, and U.S. territories ask the same core questions. The 2010 core questions included sections on demographics, health status, number of healthy days, health-care access, number of days feeling unrested, exercise, diagnosed diabetes, oral health, asthma, cardiovascular disease prevalence, disability (limited activity and use of special equipment), tobacco use, alcohol consumption, falls, seat belt use, drinking and driving, women's health, cancer screenings (colorectal cancer and breast cancer), immunization (seasonal influenza and pneumococcal vaccination), human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS), emotional support, and life satisfaction. Optional modules were chosen on the basis of the needs of state health departments and specific state programs to address specific health-related topics. State-added questions were designed to address state-specific health issues or track a state's health objectives.

In 2010, the following optional modules were included to address specific health issues: diagnosed prediabetes (35 states), diagnosed diabetes (38 states), healthy day-related symptoms (one state), visual impairment and access to eye care (five states), excess sun exposure (four states), inadequate sleep (nine states), family planning (five states), adult asthma history (five states), arthritis burden (five states), high-risk/health-care worker (three states), shingles (six states), adult tetanus diphtheria (four states), adult human papilloma virus (HPV) (five states), cancer survivorship (10 states), caregiver (two states), reactions to race (three states), anxiety

and depression (13 states), social context (two states), general preparedness (two states), veterans' health (two states), adverse childhood experience (five states), random child selection (42 states), childhood asthma prevalence (34 states), childhood immunization (24 states), and child HPV (six states).

To compare 2010 BRFSS results with the HP 2010 objectives, this report focuses on six areas: 1) health status indicators (reported good or better health, health-care coverage, and oral health), 2) preventive practices (routine checkup, influenza vaccination, and pneumococcal vaccination for persons aged  $\geq 65$  years), 3) cancer screening (sigmoidoscopy or colonoscopy and blood stool test for persons aged  $\geq 50$  years and a Papanicolaou [Pap] test and a mammogram for women aged  $\geq 40$  years), 4) health-risk behaviors (current smoking, binge drinking, heavy drinking, and no leisure-time physical activity), 5) chronic conditions and disabilities (overweight or obesity for persons aged  $\geq 20$  years, current asthma, diagnosed diabetes, limited activities, and use of special equipment because of physical, mental, or emotional problems), and 6) cardiovascular disease (coronary heart disease and stroke for persons aged  $\geq 45$  years). The details are in the 2010 BRFSS questionnaire; all the other documents are available on the BRFSS website (9).

## Data Collection and Processing

Since 2007, BRFSS data have been collected monthly in all 50 states, the District of Columbia, the Commonwealth of Puerto Rico, the U.S. Virgin Islands, and Guam. Trained interviewers administer the BRFSS survey using a computer-assisted telephone interviewing system. After the interview is conducted, data are submitted to CDC for editing, processing, weighting, reliability-checking, and analysis.

## Data Weighting

At the end of the survey year, CDC edits and aggregates the monthly data files to create yearly samples for each state and territory. Each sample is weighted to the respondent's probability of selection and the age-, sex-, and race/ethnicity-specific distribution of the population using 2010 postcensus projections for each state and territory. State-level weights are adjusted to produce MMSA- and county-level weights. These sampling weights are used to calculate BRFSS state-, territory-, MMSA-, and county-level prevalence estimates. MMSAs were defined by the Office of Management and Budget. Respondents were assigned to a particular MMSA on the basis of their Federal Information Processing Standards (FIPS) county code. Aggregated data at the state level were used to produce national prevalence estimates. Detailed weighting and analytic methodologies have been documented (10).



## Statistical Analyses

Prevalence estimates, standard errors, and 95% confidence intervals were computed on the basis of a statistical analysis using weights and strata to account for the complex survey design. To avoid presenting unstable estimates, statistics for certain MMSAs and counties were not reported if the unweighted sample size for the denominator was <50 or the half-width of the 95% confidence interval was >10. MMSAs were included only if there were ≥500 respondents and ≥19 respondents in all the final weighting classes and counties. Within each MMSA or county, weighting classes were based on age and sex cross-classification totals or age, sex, and race cross-classification totals. Responses coded as “do not know” or “refused” were excluded from the analysis. The analysis was conducted using SAS-Callable SUDAAN Version 10.0.1 (Research Triangle Institute, Research Triangle Park, North Carolina).

## Results

In 2010, a total of 54 states and territories, 192 MMSAs and 302 counties with sufficient sample sizes were reported. A total of 451,075 respondents completed ( $n = 425,013$ ) or partially completed ( $n = 26,062$ ) interviews (range: 784 in Guam to 35,109 in Florida; median: 6,898). On the basis of the Council of American Survey and Research Organizations (CASRO) standards (11), the 2010 BRFSS cooperation rate (defined as the proportion of respondents interviewed of all eligible units in which a respondent was contacted and selected) ranged from 56.8% in California to 86.1% in Minnesota (median: 76.9%). The 2010 BRFSS CASRO rate (defined as the number of complete and partial interviews divided by an estimate of the number of eligible units) ranged from 39.1% in Oregon to 68.8% in Nebraska (median: 54.6%) (12). This report presents weighted prevalence estimates with 95% confidence intervals at the state, MMSA, and county levels in the following sections.

## Health Status Indicators

### Health Status

Respondents were asked to rate their general health as excellent, very good, good, fair, or poor. The answers were then categorized into two groups: those who reported that their health was excellent, very good, or good and those who reported that their health was fair or poor. In 2010, the estimated prevalence of self-reported good or better health among adults aged ≥18 years ranged from 67.9% in Puerto Rico to 89.3% in Alaska (median: 85.0%) (Table 1). Among selected MMSAs, the self-reported prevalence estimate of good

or better health ranged from 72.2% in Huntington-Ashland, West Virginia-Kentucky-Ohio to 92.1% in Cambridge-Newton-Framingham, Massachusetts (median: 85.2%) (Table 2). Among selected counties, the estimated prevalence of self-reported good or better health ranged from 72.8% in Hinds County, Mississippi, to 95.8% in Douglas County, Colorado (median: 85.6%) (Table 3).

### Health-Care Coverage

Health-care coverage was defined as any kind of coverage including health insurance, prepaid plans (e.g., health maintenance organizations), or government plan (e.g., Medicare or Medicaid). In 2010, the estimated prevalence of health-care coverage among adults aged ≥18 years ranged from 69.4% in the U.S. Virgin Islands to 95.7% in Massachusetts (median: 85.0%) (Table 4). Among selected MMSAs, the estimated prevalence ranged from 45.7% in McAllen-Edinburg-Mission, Texas, to 97.0% in Cambridge-Newton-Framingham, Massachusetts (median: 85.9%) (Table 5). Among selected counties, the estimated prevalence ranged from 45.7% in Hidalgo County, Texas, to 97.2% in Norfolk County, Massachusetts (median: 87.2%) (Table 6).

## Oral Health

### Dental Visit

Time since the most recent visit to a dentist or a dental clinic for any reason was measured. In 2010, the estimated prevalence of a dental visit within the previous year among adults aged ≥18 years ranged from 57.2% in Oklahoma to 81.7% in Massachusetts (median: 69.7%) (Table 7). Among selected MMSAs, the estimated prevalence ranged from 47.1% in Arcadia, Florida, to 83.5% in Fargo, North Dakota-Minnesota (median: 70.2%) (Table 8). Among selected counties, the estimated prevalence ranged from 47.1% in DeSoto County, Florida, to 88.2% in Middlesex County, Connecticut (median 72.4%) (Table 9).

### All Natural Teeth Extracted

Oral health status was measured as the percentage of adults aged ≥65 years who had all of their permanent teeth removed (edentulism) because of tooth decay or gum diseases. In 2010, the estimated prevalence ranged from 7.4% in Hawaii to 36.0% in West Virginia (median: 17.1%) (Table 10). Among selected MMSAs, the estimated prevalence ranged from 4.8% in San José-Sunnyvale-Santa Clara, California, to 34.8% in Charleston, West Virginia (median: 15.2%) (Table 11). Among selected counties, the estimated prevalence ranged from 2.4% in Santa Clara County, California, to 39.3% in Sullivan County, Tennessee (median: 14.4%) (Table 12).

## Preventive Practices

### Recent Routine Physical Checkup

A routine physical checkup was defined as a visit to a doctor for a general physical examination rather than for a specific injury, illness or condition. A recent routine checkup was categorized as one that occurred within the preceding 12 months. In 2010, the estimated prevalence of having a recent routine checkup among adults aged  $\geq 18$  years ranged from 53.8% in Oregon to 80.0% in Massachusetts (median: 66.7%) (Table 13). Among selected MMSAs, the estimated prevalence ranged from 49.5% in Eugene-Springfield, Oregon, to 82.6% in Boston-Quincy, Massachusetts (median: 67.0%) (Table 14). Among selected counties, the estimated prevalence ranged from 49.5% in Lane County, Oregon, to 85.3% in Plymouth County, Massachusetts (median: 68.0%) (Table 15).

### Influenza Vaccination

In 2010, the estimated prevalence of receiving an influenza vaccination among adults aged  $\geq 65$  years during the preceding 12 months at the state level ranged from 26.9% in Puerto Rico to 73.4% in Colorado (median: 67.4%) (Table 16). Among selected MMSAs, the estimated prevalence ranged from 51.7% in Miami-Fort Lauderdale-Miami Beach, Florida, to 77.1% in Barre, Vermont (median: 67.9%) (Table 17). Among selected counties, the estimated prevalence ranged from 49.3% in Miami-Dade County, Florida, to 87.8% in Douglas County, Colorado (median: 68.6%) (Table 18).

### Pneumococcal Vaccination

In 2010, the estimated prevalence of ever having received a pneumonia injection or pneumococcal vaccine among adults aged  $\geq 65$  years ranged from 24.7% in Puerto Rico to 74.0% in Oregon (median: 68.6%) (Table 19). Among selected MMSAs, the estimated prevalence ranged from 48.6% in Laredo, Texas, to 79.9% in Naples-Marco Island, Florida (median: 70.0%) (Table 20). Among selected counties, the estimated prevalence ranged from 47.6% in Hudson County, New Jersey, to 83.1% in Potter County, Texas (median: 70.6%) (Table 21).

## Cancer Screening

### Sigmoidoscopy or Colonoscopy

Sigmoidoscopy and colonoscopy are examinations in which a tube is inserted into the rectum to view the colon and rectum for the signs of precancerous polyps and colorectal cancer. In 2010, the estimated prevalence of ever having sigmoidoscopy or colonoscopy among adults aged  $\geq 50$  years ranged from 37.8% in Guam to 75.7% in Connecticut (median: 64.2%) (Table 22). Among selected MMSAs, the estimated prevalence

ranged from 37.3% in Laredo, Texas, to 79.9% in Fargo, North Dakota-Minnesota (median: 67.7%) (Table 23). Among selected counties, the estimated prevalence ranged from 37.3% in Webb county, Texas, to 82.5% in Washington County, Rhode Island (median: 68.8%) (Table 24).

### Blood Stool Test

A blood stool test is one in which a special kit is used to determine whether the stool contains blood. In 2010, the estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years ranged from 8.5% in Guam to 27.0% in California (median: 16.8%) (Table 25). Among selected MMSAs, the estimated prevalence ranged from 6.7% in Provo-Orem, Utah, to 51.3% in Tallahassee, Florida (median: 17.6%) (Table 26). Among selected counties, the estimated prevalence ranged from 6.8% in Utah County, Utah, to 57.2% in Leon County, Florida (median: 17.8%) (Table 27).

### Papanicolaou Test

A Papanicolaou (Pap) test is a test for cancer of the cervix. In 2010, the estimated prevalence of women aged  $\geq 18$  years who had a Pap test during the preceding 3 years ranged from 67.8% in Guam to 88.9% in Massachusetts (median: 81.0%) (Table 28). Among selected MMSAs, the estimated prevalence ranged from 63.3% in Provo-Orem, Utah, to 91.2% in Peabody, Massachusetts (median: 82.4%) (Table 29). Among selected counties, the estimated prevalence ranged from 63.2% in Utah County, Utah, to 95.7% in Johnston County, North Carolina (median: 83.1%) (Table 30).

### Mammogram

A mammogram is a radiograph of each breast to test for breast cancer. The state-specific estimated prevalence of having a mammogram during the preceding 2 years among women aged  $\geq 40$  years ranged from 63.8% in Idaho to 83.6% in Massachusetts (median: 75.2%) (Table 31). Among selected MMSAs, the estimated prevalence ranged from 60.3% in Idaho Falls, Idaho, to 86.2% in Bangor, Maine (median: 76.5%) (Table 32). Among selected counties, the estimated prevalence ranged from 59.3% in Tooele County, Utah, to 89.7% in Queen Anne's County, Maryland (median: 77.1%) (Table 33).

## Health-Risk Behaviors

### Current Smoking

Current smoking was defined as having smoked at least 100 cigarettes in one's lifetime and reporting smoking every day or some days at the time of survey participation. The estimated prevalence of current smoking among adults aged  $\geq 18$  years ranged from 5.8% in the U.S. Virgin Islands to 26.8% in West

Virginia (median: 17.3%) (Table 34). Among selected MMSAs, the estimated prevalence ranged from 5.8% in Provo-Orem, Utah, to 28.5% in Tuscaloosa, Alabama (median: 17.4%) (Table 35). Among selected counties, the estimated prevalence ranged from 5.9% in Utah County, Utah, to 29.8% in Valencia County, New Mexico (median: 16.1%) (Table 36).

### Binge Drinking

Binge drinking was defined for men aged  $\geq 18$  years as having on average five or more drinks during one occasion and for women aged  $\geq 18$  years as having on average four or more drinks on one occasion during the preceding month. In 2010, the estimated prevalence of binge drinking among adults aged  $\geq 18$  years ranged from 6.6% in Tennessee to 21.6% in Wisconsin (median: 15.1%) (Table 37). Among selected MMSAs, the estimated prevalence ranged from 3.6% in Knoxville, Tennessee, to 23.0% in Kappa, Hawaii, and Key West-Marathon, Florida (median: 14.7%) (Table 38). Among selected counties, the estimated prevalence ranged from 3.8% in Utah County, Utah, to 24.0% in Suffolk County, Massachusetts (median: 15.1%) (Table 39).

### Heavy Drinking

Heavy drinking was defined for men aged  $\geq 18$  years as having, on average, more than two drinks per day and for women aged  $\geq 18$  years as having, on average, more than one drink per day during the preceding month. In 2010, the estimated prevalence of heavy drinking among adults aged  $\geq 18$  years ranged from 2.0% in Tennessee to 7.2% in Vermont (median: 5.0%) (Table 40). Among selected MMSAs, the estimated prevalence ranged from 1.0% in Nashville-Davidson-Murfreesboro, Tennessee, to 10.0% in Key West-Marathon, Florida (median: 5.1%) (Table 41). Among selected counties, the estimated prevalence ranged from 1.0% in Tolland County, Connecticut, to 14.2% in Hampshire County, Massachusetts (median: 5.0%) (Table 42).

### No Leisure-Time Physical Activity

No leisure-time physical activity was defined as nonparticipation in any physical activities (other than what is done during one's regular job) or exercises, such as running, calisthenics, golf, gardening, or walking during the preceding month. In 2010, the estimated prevalence of no leisure-time physical activity among adults aged  $\geq 18$  years ranged from 17.5% in Oregon to 42.3% in Puerto Rico (median: 24.0%) (Table 43). Among selected MMSAs, the estimated prevalence ranged from 13.1% in Fort Collins-Loveland, Colorado, to 37.6% in Kingsport-Bristol, Tennessee-Virginia (median: 23.7%) (Table 44). Among selected counties, the estimated prevalence ranged from 8.5%

in Douglas County, Colorado, to 39.0% in Caddo Parish, Louisiana (median: 22.8%) (Table 45).

## Chronic Conditions and Disabilities

### Overweight

Self-reported weight and height were used to calculate body mass index (BMI) (weight [kg]/height [m<sup>2</sup>]). Overweight was defined as BMI  $\geq 25.0$  and  $< 30.0$ . In 2010, the estimated prevalence of adults aged  $\geq 18$  years who were overweight ranged from 32.6% in Guam to 40.7% in Alaska (median: 36.2%) (Table 46). Among selected MMSAs, the estimated prevalence ranged from 28.5% in Fort Collins-Loveland, Colorado, to 42.5% in Atlantic City, New Jersey (median: 36.0%) (Table 47). Among selected counties, the estimated prevalence ranged from 27.2% in Dallas County, Texas, to 46.4% in Tolland County, Connecticut (median: 36.6%) (Table 48).

### Obesity

Obesity was defined as BMI  $\geq 30$  among adults aged  $\geq 20$  years to compare with HP 2010 objectives. In 2010, the estimated prevalence of adults aged  $\geq 20$  years who were obese ranged from 22.1% in Colorado to 35.0% in Mississippi (median: 28.5%) (Table 49). Among selected MMSAs, the estimated prevalence ranged from 17.1% in Bridgeport-Stamford-Norwalk, Connecticut, and Key West-Marathon, Florida, to 42.1% in Wauchula, Florida (median: 28.3%) (Table 50). Among selected counties, the estimated prevalence ranged from 13.3% in Westchester County, New York, to 42.1% in Hardee County, Florida (median: 27.4%) (Table 51).

### Current Asthma

Respondents aged  $\geq 18$  years were categorized as currently having asthma if they reported having ever been told by a doctor, nurse, or other health-care professional that they had asthma and still had it during the survey. In 2010, the estimated prevalence of current asthma among adults aged  $\geq 18$  years ranged from 5.2% in Guam to 11.1% in Vermont (median: 9.0%) (Table 52). Among selected MMSAs, the estimated prevalence ranged from 3.4% in Laredo, Texas, to 14.5% in Rutland, Vermont (median: 9.0%) (Table 53). Among selected counties, the estimated prevalence ranged from 3.3% in Washington County, Arkansas, and Davidson County, Tennessee, to 14.6% in Bronx County, New York (median: 8.9%) (Table 54).

### Diabetes

Diagnosed diabetes was defined as having ever been told by a doctor that respondents had diabetes, excluding gestational



diabetes, pre-diabetes, or borderline diabetes. In 2010, the estimated prevalence of diagnosed diabetes among adults aged  $\geq 18$  years ranged from 5.3% in Alaska to 13.2% in Alabama (median: 8.7%) (Table 55). Among selected MMSAs, the estimated prevalence ranged from 4.6% in Gainesville, Florida, to 15.4% in Wauchula, Florida (median: 8.9%) (Table 56). Among selected counties, the estimated prevalence ranged from 2.6% in Summit County, Utah, to 18.8% in Gadsden County, Florida (median: 8.6%) (Table 57).

### Limited Activities

The estimated prevalence of reported limited activities in any way because of physical, mental, or emotional problems among adults aged  $\geq 18$  years ranged from 10.8% in Guam to 28.2% in West Virginia (median: 20.8%) (Table 58). Among selected MMSAs, the estimated prevalence ranged from 13.5% in Fargo, North Dakota-Minnesota, to 38.3% in Huntington-Ashland, West Virginia-Kentucky-Ohio (median: 20.6%) (Table 59). Among selected counties, the estimated prevalence ranged from 11.7% in Cass County, North Dakota, to 32.0% in Lane County, Oregon (median: 20.3%) (Table 60).

### Use of Special Equipment

Respondents were asked whether any of their health problems required them to use special equipment (cane, wheelchair, special bed, or special telephone). The estimated prevalence of use of special equipment as a result of any health problems among adults aged  $\geq 18$  years ranged from 2.8% in Guam to 10.6% in Mississippi (median: 7.5%) (Table 61). Among selected MMSAs, the estimated prevalence ranged from 4.5% in Fargo, North Dakota-Minnesota, to 15.5% in Homosassa Springs, Florida (median: 7.5%) (Table 62). Among selected counties, the estimated prevalence ranged from 1.3% in Summit County, Utah, to 15.5% in Citrus County, Florida (median: 7.4%) (Table 63).

## Cardiovascular Diseases

### Coronary Heart Disease

Respondents were classified as having coronary heart disease if they had ever been told by a doctor, nurse, or other health-care professional that they had coronary heart disease including heart attack (myocardial infarction) and angina. The estimated prevalence of coronary heart disease among adults aged  $\geq 45$  years ranged from 5.3% in the U.S. Virgin Islands to 16.7% in Puerto Rico (median: 10.9%) (Table 64). Among selected MMSAs, the estimated prevalence ranged from 6.5% in Honolulu, Hawaii, to 19.6% in Homosassa Springs, Florida (median: 10.7%) (Table 65). Among selected counties,

the estimated prevalence ranged from 4.9% in Montgomery County, Pennsylvania, to 19.6% in Citrus County, Florida (median: 10.4%) (Table 66).

### Stroke

Respondents were classified as having had a stroke if they had ever been told by a doctor, nurse, or other health-care professional that they had a history of stroke. In 2010, the estimated prevalence of stroke among adults aged  $\geq 45$  years ranged from 2.4% in the U.S. Virgin Islands to 7.1% in Oklahoma (median: 4.5%) (Table 67). Among selected MMSAs, the estimated prevalence ranged from 2.3% in Rutland, Vermont, to 8.8% in Lakeland-Winter Haven, Florida (median: 4.4%) (Table 68). Among selected counties, the estimated prevalence ranged from 1.7% in Benton County, Arkansas, and Queen Anne's County, Maryland, and Catawba County, North Carolina, to 8.8% in Polk County, Florida, and Buncombe County, North Carolina (median: 4.3%) (Table 69).

## Discussion

Substantial variations exist in the estimated prevalence of health status and risk behaviors, the use of preventive practices and cancer preventions, chronic conditions, cardiovascular diseases, and disability among U.S. adults at the levels of state and territory, MMSA, and county. The geographic variations in these estimates might reflect differences in demographics, socioeconomic status, spatial variation in social desirability, state laws or local ordinances, the availability of access to health-care facilities, the use of preventive health-care services, and the coverage of preventive screenings by insurance providers. These estimates can be used by local health-care policymakers and public health advisors to identify the burdens of health risks, monitor the change in the health-risk behaviors and diseases, and implement prevention strategies. Of note, the findings in this report reflect the direct (nonmodel-based) estimation methods selected, and the use of other methods might yield different results for certain variables.

HP 2010 set out the objectives of improvement in health status and public awareness of reduction in health-risk behavior to be achieved by 2010. However, the measures of some of the variables in BRFSS might be different from the other databases used to develop the HP 2010 objectives, and therefore some of the HP 2010 objective targets might not apply directly to the BRFSS data. Overall, the findings provided in this report indicate that certain HP 2010 goals (e.g., health-care insurance coverage and vaccination against influenza and pneumococcal diseases) were not met at any state or local level.



## Health Status Indicators

### Health Status

Self-reported health status usually rates the participant's own general health as excellent, very good, good, fair, or poor. Although it is a simple measure, it encompasses multidimensional health conditions and behaviors including physical and mental health, activity limitation, and health behavior risks (13). The measure of the overall health has been proved to be valid (14,15). Poor self-assessed general health has been found to be linked with socioeconomic status and subsequent mortality in a U.S. multiethnic cohort (16). In this report, self-reported health status measured respondents who reported that their health was excellent, very good, or good compared with those who reported that their health was fair or poor. The estimated prevalence of good or better health varied across states, territories, MMSAs, and counties, suggesting the geographic variations in the patterns of health-care access, treatment, and severity of chronic conditions.

### Health-Care Coverage

In 2009, according to the U.S. Census Bureau, 50.7 million persons in the United States were without health-care coverage (17), and in 2010, one in four adults aged 18–64 years was not insured (18). This problem affects not only persons living in poverty but also middle-class persons. Persons without health-care coverage are less likely to receive preventive services or have adequate access to health care, and the uninsured also are more likely than their insured counterparts to receive a diagnosis of advanced-stage cancer, suffer from chronic-condition complications, and require emergency care. The advanced stages of these illnesses are associated with elevated mortality rates and increased medical costs (18,19). By 2010, no state or territory, MMSAs, or county achieved the HP 2010 objective (objective no. 1-1) (6) of 100% health-care coverage among residents (Table 70).

### Oral Health

Dental caries is a demineralization of the tooth caused by bacterial infection. More than 25% of children aged 2–5 years and 50% of those aged 12–15 years have tooth decay (20). Routine dental visits and treatments can help prevent and control the most common oral diseases, which are dental caries (tooth decay) and periodontal diseases. The HP 2010 objective was to increase the proportion of children and adults who use the oral health-care system each year to 56% (objective no. 21-10) (Table 70). In 2010, a total of 4.2% of MMSAs and 4.6% of counties did not meet the target. However, BRFSS data on dental visits in the past year might be underestimated because children aged <18 years were not included in the

questionnaire. Periodontal disease and dental caries are the leading causes for tooth loss and edentulism (21–23). Edentulism also is associated with poor oral hygiene, lack of access to oral health care, and lower socioeconomic status (24). Persons with complete edentulism are more likely to be smokers and to face elevated risk for poor nutrition and comorbidities such as diabetes and rheumatoid arthritis (25,26). The HP 2010 objective was to reduce the percentage of persons having had all their natural teeth extracted to less than 22% among adults aged ≥65 years (objective no. 21-4) (Table 70). In 2010, a total of 16.7% of the states and territories, 14.6% of MMSAs, and 10.6% of counties did not achieve that goal.

## Preventive Practices

### Routine Physical Checkup

A routine physical checkup is an important tool to help maintain good health, diagnose health problems in early stages, and prevent or control chronic diseases such as hypertension, cardiovascular diseases, diabetes, or chronic obstructive pulmonary disease (COPD). Being a younger adult, being unmarried, having a lower household income, lacking health insurance, and not participating in regular physical activity usually are associated with being less likely to receive a recent routine checkup (27). In 2010, a substantial geographic variation existed in the estimated prevalence of recent routine checkups in states and territories, MMSAs, and counties. Addressing health disparity and access to health care can improve the rates of routine checkups (28).

### Pneumococcal and Influenza Vaccination

Pneumococcal disease is a type of bacterial infection that can cause pneumonia. *Streptococcus pneumoniae* is the most common cause of community-acquired pneumonia, which is a major source of morbidity and mortality among the very young and elderly (29,30). Overall, the case-fatality rate is 15%–20% (31) and 30%–40% among the elderly, especially those with chronic conditions (32–34). Influenza also is a major cause of mortality and morbidity among the same groups at high risk for pneumococcal disease: the very young, the elderly, and those with high-risk conditions. Influenza-related complications are responsible for approximately 200,000 hospitalizations every year (35). Influenza epidemics caused approximately 3,000 deaths in 1976 and approximately 49,000 deaths in 2007. During this period, 90% of influenza-caused mortality occurred among the elderly (36). Pneumococcal disease, influenza, and the medical cost caused by the diseases can be largely reduced and controlled by vaccinations, especially among the elderly population, which is a high-risk group (37,38). The HP 2010 objectives set out to increase the proportion of adults vaccinated

against influenza and pneumococcal diseases to 90% among persons aged  $\geq 65$  years (objective nos. 14-29a and 14-29b) (Table 70). This direct estimate might yield different results from season-specific estimates generated by CDC's National Center for Immunization and Respiratory Diseases (39). In 2010, no state or territory, MMSA, or county achieved the objective. Strategies that continue to improve immunization rates could be helpful at state and local levels (40).

## Cancer Prevention

### Colorectal Cancer Screening

Colorectal cancer is the third most commonly diagnosed cancer and the third leading cause of cancer-related death in both men and women in the United States. In 2008, a total of 142,950 new cases and 52,857 deaths from colorectal cancer occurred (41). Over the last 2 decades, incidence and mortality have decreased, especially during 1998–2007, primarily because of the increase in screenings that detect and remove adenomatous polyps before cancer develops (42). The guidelines recommend that persons aged  $\geq 50$  years receive a colonoscopy, preferably a flexible sigmoidoscopy, if available, or a fecal occult blood test (43). The HP 2010 objective is to increase the number of persons who have had a fecal occult blood test within the previous 2 years to 33% (objective no. 3-12a) (Table 70). No state or territory achieved the goal in 2010; 2.1% of MMSAs and 3.6% of counties did. The target for sigmoidoscopy or colonoscopy is 50% (objective no. 3-12b) (Table 70). The goal was achieved by all states and territories except for Guam, Puerto Rico, and the U.S. Virgin Islands; all MMSAs except for Laredo, Texas, and Del Rio, Texas; and all counties except for Webb County, Texas, Val Verde County, Texas, and Passaic County, New Jersey.

### Cervical Cancer Screening

Cervical cancer continues to be a public health issue with 12,410 new cases and 4,008 deaths in 2008 (44). The primary cause of cervical cancer is HPV. All women are at risk for developing cervical cancer with the highest incidence in women aged  $>30$  years (45). Racial/ethnic and age disparities exist in the late stage of diagnosis and the incidence rate (46,47). Cervical cancer can be detected early with Pap tests. By detecting precancerous lesions, Pap tests have contributed to the decreasing incidence and mortality rates over the previous 2 decades (47). Since 2003, the rates have remained stable (42). In 2008, the age-adjusted incidence and mortality rates of cervical cancer were 8.0 and 2.6 per 100,000 females (48). Women aged  $\geq 21$  years should receive the Pap test to screen for cervical cancer at least every 3 years until age 65 years (49). The HP 2010 objective is to increase the use of Pap test within

the preceding 3 years to 90% among women aged  $\geq 18$  years (objective no. 3-11b) (Table 70). In 2010, no state or territory achieved the target; 3.1% of MMSAs and 7.6% of counties achieved this goal.

### Breast Cancer Screening

Breast cancer is the most commonly diagnosed cancer (excluding skin cancer) and second leading cause of cancer mortality in women. In 2008, a total of 210,203 women had breast cancer diagnosed, and 40,589 women died of this cancer (50). In 2012, an estimated 226,870 new cases of invasive breast cancer are expected to occur among women and an estimated 2,190 new cases are expected to occur among men in the United States; approximately 39,920 breast cancer-specific deaths are estimated to occur (42). There are varieties of risk factors for breast cancer. Older age is associated with the higher likelihood of having breast cancer (51). Women with a family history of breast cancer might carry genetic mutations that contribute to elevated risk for the disease (52). Mammograms are an important diagnostic tool for early detection of breast cancer. The United States Preventive Services Task Force currently recommends biennial screening mammography for women aged 50–74 years. During 1975–2000, the breast cancer specific mortality rate declined approximately 46% at least in part as a result of the use of mammograms (53). The HP 2010 objective is to increase the mammography rate to 70% (objective no. 3-13) (Table 70). In 2010, approximately 79.6% of states and territories, 87.5% of MMSAs, and 89.1% of counties achieved this goal.

## Health-Risk Behaviors

### Cigarette Smoking

Cigarette smoking is the leading preventable cause of disease and deaths in the United States (54,55). Many diseases (including many types of cancers, cardiovascular diseases, and COPD) are attributable to smoking (54). Cigarette smoke contains over 7,000 chemicals; hundreds of them are toxic, and many cause cancer (56). During 1965–2005, the prevalence of cigarette smoking among adults aged  $\geq 18$  years declined from 42.4% (57) to 20.9%; during 2005–2010, prevalence declined from 20.9%–19.3% (58). Smokers are more likely to be men, aged  $<65$  years, and non-Hispanic American Indians or Alaska Natives as well as to have a low educational level and to live below the poverty level (58). The HP 2010 objective was to reduce the overall prevalence of cigarette smoking to 12% (objective no. 27-1a) (Table 70). Not all states and territories, MMSAs, or counties achieved the goal: 5.6% of states and territories, 10.9% of MMSAs, and 15.9% of counties met the goal. These findings suggest a need for continuing sustained

and adequately funded tobacco control efforts at the state and local level (58,59).

## Binge and Heavy Drinking

Excessive alcohol consumption, including binge and heavy drinking, is a leading preventable cause of death in the United States and accounted for an estimated average of 80,000 deaths and >2.3 million years of potential life lost (YPLL) each year during 2001–2005 (60) and for an estimated \$223.5 billion in lost productivity, criminal justice costs, and health-care expenditures (61). Excessive alcohol use is a risk factor for many adverse health and social outcomes, including unintentional injuries (e.g., motor-vehicle accidents), violence, suicide, hypertension, acute myocardial infarction, certain cancers, sexually transmitted diseases, unintended pregnancy, fetal alcohol syndrome, and sudden infant death (62). The differences in binge and heavy drinking among states and territories, MMSAs, and counties might reflect cultural factors (63) and differences in state and local laws that affect the price, availability, and marketing of alcoholic beverages (64). Evidence-based population-level strategies to reduce and prevent excessive alcohol use and its related harms (e.g., measures to control access to alcohol and to increase prices) have been recommended by the Community Preventive Services Task Force (65).

## No Leisure-Time Physical Activity

The risk for many chronic diseases including coronary heart disease, diabetes, arthritis, and some types of cancers can be reduced by engaging in physical activity. Physical activity also aids in weight control (66). The HP 2010 objective measures the proportion of adults aged  $\geq 18$  years who never or were unable to engage in light or moderate or vigorous exercise for at least 20 minutes. The objective is to reduce the proportion of adults aged  $\geq 18$  years engaging in no leisure-time physical activity to 20%. The 2010 BRFSS survey measured the proportion of adults aged  $\geq 18$  years who never engaged in any physical activity during the previous month. Because these two data sources used different questions and time frames to assess participation in leisure time physical activity, BRFSS prevalence estimates cannot be compared directly with the HP 2010 objective. However, BRFSS data indicate that continued efforts are required to increase the leisure-time physical activity of the population at state and territory, and local levels. In 2008, the U.S. Department of Health and Human Services published recommended amounts of physical activity for older adults, adults, children and adolescents, women during pregnancy, adults with disabilities, and persons with chronic medical conditions (66). Strategies to encourage persons to become

more physically active are identified by the Community Guide (67) and by the U.S. National Physical Activity Plan (68).

## Chronic Conditions

### Overweight and Obesity

Recent data using participants' measured weight and height indicate that among adults aged  $\geq 20$  years, the age-adjusted prevalence of obesity (BMI  $\geq 30$ ) and overweight and obesity combined (BMI  $\geq 25$ ) are 35.7% and 68.8%, respectively (69). There are also racial and ethnic disparities in the temporal trend of prevalence of obesity in the United States (69). The prevalence of overweight and obesity remains a critical public health problem. Obesity is also an economic burden in the United States. In 2008, the associated medical cost of obesity was estimated to be \$147 billion. Obesity is associated with numerous chronic conditions, diseases, and events including high blood pressure, coronary heart disease, stroke, type II diabetes, certain types of cancer, sleep apnea, osteoarthritis, infertility, and mental health conditions (70). Overweight and obesity are associated with mortality from diabetes (71). Obesity is associated with mortality from obesity-related cancers (72). A large prospective study demonstrated that obesity is strongly associated with risk for death regardless of sex, race, or ethnic group (73). The HP 2010 objective is to reduce the proportion of adults aged  $\geq 20$  years who are obese to 15% (objective no. 19-2). No state or territory or MMSA achieved this goal in 2010 (Table 70). Only three counties (Westchester County, New York; New York County, New York; and San Francisco County, California) met the target goal. However, the HP 2010 goal is based on measured weight and height whereas BRFSS is a self-reported survey. The obesity prevalence from self-reported data tends to be underestimated (74). Comprehensive strategies to improve nutrition and increase physical activity are needed and should be implemented across multiple settings and sectors to address the high prevalence of overweight and obesity and their public health burden (75,76).

### Asthma

Asthma is a chronic respiratory disease that affects persons of all ages and is characterized by episodic and reversible attacks of wheezing, chest tightness, shortness of breath, and coughing (77). In 2001, a total of 20.3 million persons in the United States had received a diagnosis of asthma. By 2010, 25.7 million U.S. residents had received an asthma diagnosis (78,79). Certain environmental factors exacerbate asthma, including exposure to tobacco smoke, allergens, air pollution, microbial substances, infection, and diet (80). Although asthma cannot be cured, symptoms can be controlled with appropriate



medical treatment, self-management education, and avoidance of exposure to environmental allergens and irritants that can trigger an attack (81). In 2010, the overall median prevalence of current asthma was 9.0% (interquartile range: 5.2%–11.1%). The variability in the estimated prevalence of asthma existed at MMSAs and county levels.

## Diabetes

Diabetes is caused by lack of insulin in the body (Type I diabetes) and insulin resistance (Type II diabetes). The complications of diabetes are serious and extensive; they include vision loss, lower-extremity amputation, skin complications (e.g., itching and bacterial and fungal infection), heart and kidney diseases, periodontitis, poor mental health, neuropathy, and stroke, and they involve many other organs and tissues (82). Diabetic patients face elevated risks of developing cancer (83). An estimated 25.8 million persons in the United States have diabetes, including 7.0 million persons who have not received a diagnosis (84). In 2010, approximately 1.9 million adults aged  $\geq 20$  years received a new diagnosis of diabetes. In 2010, the prevalence of diagnosed diabetes at the state level ranged from 5.3%–13.2%. Persons with diabetes have shorter life expectancy and increased mortality compared with persons without diabetes. By 2050, new incidence of diabetes is expected to be 15 cases per 1,000 persons (85). In 2007, diabetes cost the United States approximately \$174 billion (86). Eating right and being active can help to prevent type II diabetes. Given the high prevalence of diabetes and its likely future burden, implementation of effective interventions and strategies that can reduce risk for obesity and encourage physical activity, particularly among high-risk populations, can help to lower diabetes rates and keep existing diagnosed cases of the disease in better control. The National Diabetes Prevention Program aims to prevent or delay diabetes by bringing the evidence-based lifestyle change program to the community level (87).

## Disability

Approximately 50 million persons in the United States live with a disability, which includes mental impairment or difficulties with hearing, vision, movement, thinking, remembering, learning, communication, and social relationships (88). Physical limitations can require the use of special equipment. Disability usually is associated with low socioeconomic status. Persons with disabilities are more likely to be poor and have barriers to education and employment (89). There is a racial disparity of self-reported health status among persons with disabilities (90). Many persons with disabilities also have at least one chronic condition (e.g., obesity, diabetes, depression, or mental illness). They are more likely to use an emergency

department, to be hospitalized, and to have limited health-care access (91,92). Persons with disabilities account for 43% of Medicaid health-care expenditures (93). In 2005, among the total population, 18.7% had some level of disability, and 12.0% had a severe disability (94). Although the severe disability rate declined among the elderly population during the last 2 decades, the disability rate has increased among working-aged persons, especially among the obese population (95). Compared with the medians of prevalence of use of special equipment in 2008 (7.2%) and 2009 (7.0%), the rate did not decline in 2010 (7.5%). As the U.S. population ages, the need to improve quality of life, increase access to special equipment, and prevent hospital-associated disability complications among the disabled population will continue to be important (96).

## Cardiovascular Diseases

### Coronary Heart Disease

The most common type of heart disease is coronary heart disease, which is caused by the buildup of plaque that narrows the blood vessels that supply blood to the heart (97). Heart disease is the leading cause of death for both men and women in the United States (98). One in six deaths in 2010 could be attributed to coronary heart disease (99). In 2010, estimates from BRFSS data indicated that prevalence of coronary heart disease ranged from 5.3%–16.7% at the state level. Since the Framingham Heart Study, many risk factors are known to be associated with coronary heart disease, including age, sex, smoking status, diabetes, unhealthy systolic blood pressure and total cholesterol, and high low-density lipoprotein cholesterol (100,101). Chronic conditions including diabetes mellitus, obesity, high blood pressure, a low level of high-density lipoprotein cholesterol, and a high level of low-density lipoprotein are associated with developing coronary heart disease, as are unhealthy behaviors (e.g., tobacco use, excessive alcohol consumption, diets high in fat and sodium, and physical inactivity); being older, male, black or of American Indian descent; and having a family history of the disease (97,102). Risk for coronary heart disease can be lowered by maintaining a healthy lifestyle (including quitting smoking, losing weight, monitoring blood pressure, and controlling blood cholesterol by following a low-fat diet and engaging in regular aerobic exercise). Adopting guidelines that encourage healthy lifestyle choices and control of diabetes, blood pressure, and cholesterol can help lower overall rates of heart disease (103).

### Stroke

Cerebrovascular disease is the fourth leading cause of mortality in United States (2). In 2010, stroke was responsible for one out of 18 deaths in the United States (99). Stroke occurs when a clot blocks the blood supply to the brain or a blood

vessel in the brain bursts (104). If nonfatal, stroke can cause severe long-term physical disability (e.g., paralysis and speech problems). Each year, approximately 795,000 persons in the United States have new or recurrent strokes (105). The direct medical cost for stroke was \$28.3 billion in 2010 and has been projected to be \$95.6 billion in 2030 (106). The dominant risk factors associated with stroke are high blood pressure, impaired glucose tolerance, atrial fibrillation, current cigarette smoking, and physical inactivity. The incidence and treatment vary by age, gender, and race. Females are older than males at stroke onset (107). Blacks had a higher prevalence of stroke than whites (108). As a risk factor for ischemic stroke, dyslipidemia was less likely to be discovered, treated, or controlled in blacks than whites (109). Education and prevention programs that target high-risk populations can help cut rates of stroke. The recommendation and guidelines to prevent stroke are provided by CDC (110).

### Importance of Reducing Health-Risk Behaviors

The health-risk behaviors and chronic conditions are correlated. For instance, prenatal and passive smoking exposure could increase the incidence of asthma (111). Binge drinking is not only deleterious to health but also contributes to high health-care costs attributable to alcohol-related crime, as well as productivity loss and other burdens to the community (61). Reducing unhealthy risk behaviors and improving adherence to preventive care could help to prevent the occurrence of the chronic conditions and ultimately decrease mortality and morbidity risk for all members of a community.

### Limitations

The findings in this report are subject to at least five limitations. First, BRFSS is a household survey that does not collect information from persons in institutions, nursing homes, long-term-care facilities, military installations, and correctional institutions. For this reason, the results cannot be generalized to these populations. Second, increasing use of cell-phone-only households and telephone number portability might decrease the response rate in BRFSS landline surveys (112). In 2009, BRFSS began to collect data on cell-phone-only households as well as on traditional landline households. However, the data are not available for all states and territories and therefore are not included in this report. Third, although BRFSS is conducted in multiple languages (including English, Spanish, Mandarin Chinese, and Portuguese), data are not collected from persons speaking other languages or different dialects, so these persons are not able to participate. Fourth, as a result of the

sample size or unreliable estimates, the prevalence for certain health indicators could not be obtained at certain MMSA and county levels. Finally, the data are self-reported and thus are subject to recall bias. Despite these limitations, BRFSS is a cost-effective, timely, and flexible survey that provides reliable estimates of health status, health-risk behaviors, chronic conditions, disabilities, and access to preventive services at national, state, and local levels. Although different national surveys have different data collection modes and sampling frames, the fact that there are overall similarities in the prevalence estimates between BRFSS and other national surveys supports the reliability of BRFSS data (113,114). BRFSS is the only timely source of data available to many states and communities to assess local health conditions and to track progress of health promotion programs and strategies accurately (115).

### Conclusion

The results in this report indicate the importance of continuing efforts to increase health-care coverage, vaccination against influenza and pneumococcal diseases, and use of cancer prevention services as well as to improve oral health and to decrease health-risk behaviors at state and local levels. In addition, BRFSS data can be used to identify emerging public health problems, help implement health policies and prevention programs at different stakeholder levels, and continue to monitor health problems during the next decade as the country moves toward achieving HP 2020 objectives (116).

### References

1. CDC. Chronic diseases and health promotion. Atlanta, GA: US Department of Health and Human Services, CDC; 2012. Available at <http://www.cdc.gov/chronicdisease/overview/index.htm>. Accessed April 11, 2013.
2. Heron M. Deaths: leading causes for 2008. *Natl Vital Stat Rep* 2012;60:1–94.
3. Nelson DE, Bland S, Powell-Griner E, et al. State trends in health risk factors and receipt of clinical preventive services among US adults during the 1990s. *JAMA* 2002;287:2659–67.
4. Hughes E, Kilmer G, Li Y, et al. Surveillance for certain health behaviors among states and selected local areas—United States, 2008. *MMWR* 2010;59(No. SS-10).
5. Li C, Balluz LS, Okoro CA, et al. Surveillance of certain health behaviors and conditions among states and selected local areas—Behavioral Risk Factor Surveillance System, United States, 2009. *MMWR* 2011;60(No. SS-9).
6. CDC. Healthy people 2010. Final review. Atlanta, GA: US Department of Health and Human Services, CDC; 2011. Available at [http://www.cdc.gov/nchs/data/hpdata2010/hp2010\\_final\\_review.pdf](http://www.cdc.gov/nchs/data/hpdata2010/hp2010_final_review.pdf). Accessed April 11, 2013.
7. CDC. Health risks in the United States. Behavioral Risk Factor Surveillance System: at a glance 2010. Atlanta, GA: US Department of Health and Human Services, CDC; 2010. Available at <http://www.cdc.gov/chronicdisease/resources/publications/AAG/brfss.htm>. Accessed April 11, 2013.

8. Nelson DE, Holtzman D, Bolen J, Stanwyck CA, Mack KA. Reliability and validity of measures from the Behavioral Risk Factor Surveillance System (BRFSS). *Soz Präventivmed* 2001;46(Suppl 1):S3–42.
9. CDC. 2010 Behavioral Risk Factor Surveillance System questionnaire. Atlanta, GA: US Department of Health and Human Services, CDC; 2010. Available at [http://www.cdc.gov/brfss/annual\\_data/pdf-ques/2010brfss.pdf](http://www.cdc.gov/brfss/annual_data/pdf-ques/2010brfss.pdf). Accessed April 11, 2013.
10. CDC. Behavioral Risk Factor Surveillance System operational and user's guide, version 3.0. Atlanta, GA: US Department of Health and Human Services, CDC; 2006. Available at <ftp://ftp.cdc.gov/pub/Data/Brfss/userguide.pdf>. Accessed April 11, 2013.
11. CASRO. CASRO Code of Standards and Ethics for Survey Research. Port Jefferson, NY: CASRO; 2013. Available at <http://www.casro.org/?page=TheCASROCode>. Accessed April 11, 2013.
12. CDC. Behavioral Risk Factor Surveillance System 2010 summary data quality report. Atlanta, GA: US Department of Health and Human Services, CDC; 2011. Available at [ftp://ftp.cdc.gov/pub/Data/Brfss/2010\\_Summary\\_Data\\_Quality\\_Report.pdf](ftp://ftp.cdc.gov/pub/Data/Brfss/2010_Summary_Data_Quality_Report.pdf). Accessed April 11, 2013.
13. Simon JG, DeBoer JB, Joung IM, Bosma H, Mackenbach JP. How is your health in general? A qualitative study on self-assessed health. *Eur J Public Health* 2005;15:200–8.
14. Chandola T, Jenkinson C. Validating self-rated health in different ethnic groups. *Ethn Health* 2000;5:151–9.
15. Lundberg O, Manderbacka K. Assessing reliability of a measure of self-rated health. *Scand J Soc Med* 1996;24:218–24.
16. McGee DL, Liao Y, Cao G, Cooper RS. Self-reported health status and mortality in a multiethnic US cohort. *Am J Epidemiol* 1999;149:41–6.
17. US Census Bureau. Income, poverty, and health insurance coverage in the United States: 2009. Washington, DC: US Department of Commerce, US Census Bureau; 2010. Available at <http://www.census.gov/prod/2010pubs/p60-238.pdf>. Accessed April 11, 2013.
18. CDC. Access to health care: a record number of adults 18–64 are uninsured. Atlanta, GA: US Department of Health and Human Services, CDC; 2010. Available at <http://www.cdc.gov/vitalsigns/pdf/2010-11-vitalsigns.pdf>. Accessed April 11, 2013.
19. Hellander I. The deepening crisis in U.S. health care: a review of data. *Int J Health Serv* 2011;41:575–86.
20. CDC. Oral health: preventing cavities, gum disease, tooth loss, and oral cancers: at a glance 2011. Atlanta, GA: US Department of Health and Human Services, CDC; 2011. Available at <http://www.cdc.gov/chronicdisease/resources/publications/AAG/doh.htm>. Accessed April 11, 2013.
21. Oliver RC, Brown LJ. Periodontal diseases and tooth loss. *Periodontol* 2000 1993;2:117–27.
22. Anonymous. Oral health in America: a report of the Surgeon General. *J Calif Dent Assoc* 2000;28:685–95.
23. US Department of Health and Human Services. U.S. oral health in America: a report of the Surgeon General. Washington, DC: US Department of Health and Human Services; 2000. Available at <http://www2.nidcr.nih.gov/sgr/sgrweb/welcome.htm>. Accessed April 11, 2013.
24. Cunha-Cruz J, Hujoel PP, Nadanovsky P. Secular trends in socioeconomic disparities in edentulism: USA, 1972–2001. *J Dent Res* 2007;86:131–6.
25. Felton DA. Edentulism and comorbid factors. *Tex Dent J* 2010;127:389–401.
26. Beltrán-Aguilar ED, Barker LK, Canto MT, et al. Surveillance for dental caries, dental sealants, tooth retention, edentulism, and enamel fluorosis—United States, 1988–1994 and 1999–2002. *MMWR* 2005;54(No. SS-3).
27. Culica D, Rohrer J, Ward M, Hilsenrath P, Pomrehn P. Medical checkups: who does not get them? *Am J Public Health* 2002;92:88–91.
28. Mays GP, Smith SA. Geographic variations in public health spending: correlates and consequences. *Health Serv Res* 2009;44:1796–817.
29. Pitsiou GG, Kioumis IP. Pneumococcal vaccination in adults: does it really work? *Respir Med* 2011;105:1776–83.
30. Huang SS, Johnson KM, Ray GT, et al. Healthcare utilization and cost of pneumococcal disease in the United States. *Vaccine* 2011;29:3398–412.
31. CDC. Prevention of pneumococcal disease: recommendations of the Advisory Committee on Immunization Practices (ACIP). *MMWR* 1997;46(No. RR-8).
32. Bennett NM, Buffington J, LaForce FM. Pneumococcal bacteremia in Monroe County, New York. *Am J Public Health* 1992;82:1513–6.
33. Mufson MA, Oley G, Hughey D. Pneumococcal disease in a medium-sized community in the United States. *JAMA* 1982;248:1486–9.
34. Campbell JF, Donohue MA, Mochizuki RB, Nevin-Woods CL, Spika JS. Pneumococcal bacteremia in Hawaii: initial findings of a pneumococcal disease prevention project. *Hawaii Med J* 1989;48:513–4, 517–8.
35. Thompson WW, Shay DK, Weintraub E, et al. Influenza-associated hospitalizations in the United States. *JAMA* 2004;292:1333–40.
36. Thompson WW, Shay DK, Weintraub E, et al. Mortality associated with influenza and respiratory syncytial virus in the United States. *JAMA* 2003;289:179–86.
37. Nichol KL, Nordin JD, Nelson DB, Mullooly JP, Hak E. Effectiveness of influenza vaccine in the community-dwelling elderly. *N Engl J Med* 2007;357:1373–81.
38. CDC. Pneumococcal vaccination. Atlanta, GA: US Department of Health and Human Services, CDC; 2013. Available at <http://www.cdc.gov/vaccines/vpd-vac/pneumo/default.htm#vacc>. Accessed April 11, 2013.
39. CDC. Seasonal influenza (flu). Atlanta, GA: US Department of Health and Human Services, CDC; 2013. Available at <http://www.cdc.gov/flu/index.htm>. Accessed April 11, 2013.
40. CDC. Strategies for increasing adult vaccination rates. Atlanta, GA: US Department of Health and Human Services, CDC; 2010. Available at <http://www.cdc.gov/vaccines/recs/rate-strategies/adultstrat.htm>. Accessed April 11, 2013.
41. CDC. U.S. cancer statistics: an interactive atlas. Atlanta, GA: US Department of Health and Human Services, CDC; 2009. Available at [http://apps.nccd.cdc.gov/dcp\\_inca/dcp\\_inca.aspx](http://apps.nccd.cdc.gov/dcp_inca/dcp_inca.aspx). Accessed April 11, 2013.
42. American Cancer Society. Cancer facts & figures 2012. Atlanta, GA: American Cancer Society; 2012. Available at <http://www.cancer.org/acs/groups/content/@epidemiology/surveillance/documents/document/acspc-031941.pdf>. Accessed April 11, 2013.
43. US Preventive Services Task Force. Screening for colorectal cancer. Rockville, MD: US Preventive Services Task Force; 2008. Available at <http://www.uspreventiveservicestaskforce.org/uspstf/uspcolo.htm>. Accessed April 11, 2013.
44. CDC. Cervical cancer statistics. Atlanta, GA: US Department of Health and Human Services, CDC; 2012. Available at <http://www.cdc.gov/cancer/cervical/statistics>. Accessed April 11, 2013.
45. CDC. Cervical cancer. Atlanta, GA: US Department of Health and Human Services, CDC; 2013. Available at <http://www.cdc.gov/cancer/cervical>. Accessed April 11, 2013.
46. Henley SJ, King JB, German RR, Richardson LC, Plescia M. Surveillance of screening-detected cancers (colon and rectum, breast, and cervix)—United States, 2004–2006. *MMWR* 2010;59(No. SS-9).
47. Watson M, Saraiya M, Benard V, et al. Burden of cervical cancer in the United States, 1998–2003. *Cancer* 2008;113(Suppl):2855–64.



48. CDC. United States cancer statistics: 1999–2008 cancer incidence and mortality data. Atlanta, GA: US Department of Health and Human Services, CDC; 2010. Available at <http://apps.nccd.cdc.gov/uscs/cancersbystateandregion.aspx>. Accessed April 11, 2013.
49. US Preventive Services Task Force. Screening for cervical cancer: recommendations and rationale. Rockville, MD: US Preventive Services Task Force; 2013. Available at <http://www.uspreventiveservicestaskforce.org/3rduspstf/cervcan/cervcanrr.htm>. Accessed April 11, 2013.
50. CDC. Breast cancer statistics. Atlanta, GA: US Department of Health and Human Services, CDC; 2012. Available at <http://www.cdc.gov/cancer/breast/statistics>. Accessed April 11, 2013.
51. CDC. Breast cancer risk by age. Atlanta, GA: US Department of Health and Human Services, CDC; 2013. Available at <http://www.cdc.gov/cancer/breast/statistics/age.htm>. Accessed April 11, 2013.
52. American Cancer Society. What are the risk factors for breast cancer? Atlanta, GA: American Cancer Society; 2013. Available at <http://www.cancer.org/Cancer/BreastCancer/OverviewGuide/breast-cancer-overview-what-causes>. Accessed April 11, 2013.
53. Berry DA, Cronin KA, Plevritis SK, et al. Effect of screening and adjuvant therapy on mortality from breast cancer. *N Engl J Med* 2005;353:1784–92.
54. CDC. 2004 Surgeon General's report—the health consequences of smoking. Atlanta, GA: US Department of Health and Human Services, CDC; 2004. Available at [http://www.cdc.gov/tobacco/data\\_statistics/sgr/2004/index.htm](http://www.cdc.gov/tobacco/data_statistics/sgr/2004/index.htm). Accessed April 11, 2013.
55. World Health Organization. Why tobacco is a public health priority. Geneva, Switzerland: World Health Organization; 2013. Available at [http://www.who.int/tobacco/health\\_priority/en](http://www.who.int/tobacco/health_priority/en). Accessed April 11, 2013.
56. CDC. 2010 Surgeon General's Report—how tobacco smoke causes disease: the biology and behavioral basis for smoking-attributable disease. Atlanta, GA: US Department of Health and Human Services, CDC; 2012. Available at [http://www.cdc.gov/tobacco/data\\_statistics/sgr/2010/index.htm](http://www.cdc.gov/tobacco/data_statistics/sgr/2010/index.htm). Accessed April 11, 2013.
57. National Library of Medicine. The reports of the Surgeon General: the 1964 report on smoking and health. Bethesda, MD: National Library of Medicine; 2013. Available at <http://profiles.nlm.nih.gov/ps/retrieve/Narrative/NN/p-nid/60>. Accessed April 11, 2013.
58. CDC. Vital signs: current cigarette smoking among adults aged ≥18 years—United States, 2005–2010. *MMWR* 2011;60:1207–12.
59. CDC. Best practices for comprehensive tobacco control programs. Atlanta, GA: US Department of Health and Human Services, CDC; 2007. Available at [http://www.cdc.gov/tobacco/stateandcommunity/best\\_practices/pdfs/2007/bestpractices\\_complete.pdf](http://www.cdc.gov/tobacco/stateandcommunity/best_practices/pdfs/2007/bestpractices_complete.pdf). Accessed April 11, 2013.
60. CDC. Alcohol and public health: alcohol-related disease impact (ARDI). Atlanta, GA: US Department of Health and Human Services, CDC; 2013. Available at [http://apps.nccd.cdc.gov/DACH\\_ARDI/Default/Default.aspx](http://apps.nccd.cdc.gov/DACH_ARDI/Default/Default.aspx). Accessed April 11, 2013.
61. Bouchery EE, Harwood HJ, Sacks JJ, Simon CJ, Brewer RD. Economic costs of excessive alcohol consumption in the U.S., 2006. *Am J Prev Med* 2011;41:516–24.
62. US Department of Health and Human Services. 10th special report to the U.S. Congress on alcohol and health. Washington, DC: US Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism; 2000. Available at <http://pubs.niaaa.nih.gov/publications/10report/intro.pdf>. Accessed April 11, 2013.
63. Holt JB, Miller JW, Naimi TS, Sui DZ. Religious affiliation and alcohol consumption in the United States. *The Geographical Review* 2006;96:523–42. Available at <http://www.americeog.org/gr/oct06/holt.html>. Accessed April 11, 2013.
64. National Institute on Alcohol Abuse and Alcoholism. Alcohol Policy Information System. Bethesda, MD: National Institute on Alcohol Abuse and Alcoholism; 2013. Available at <http://www.alcoholpolicy.niaaa.nih.gov>. Accessed April 11, 2013.
65. Community Preventive Services Task Force. Preventing excessive alcohol consumption. Atlanta, GA: Community Preventive Services Task Force; 2013. Available at <http://www.thecommunityguide.org/alcohol/index.html>. Accessed April 11, 2013.
66. US Department of Health and Human Services. 2008 physical activity guidelines for Americans. Washington, DC: US Department of Health and Human Services; 2008. Available at <http://www.health.gov/paguidelines/guidelines>. Accessed April 11, 2013.
67. Community Preventive Services Task Force. Increasing physical activity. Atlanta, GA: Community Preventive Services Task Force; 2012. Available at <http://www.thecommunityguide.org/pa/index.html>. Accessed April 11, 2013.
68. National Physical Activity Plan. The plan. Columbia, SC: National Physical Activity Plan; 2010. Available at <http://www.physicalactivityplan.org/theplan.php>. Accessed April 11, 2013.
69. Flegal KM, Carroll MD, Kit BK, Ogden CL. Prevalence of obesity and trends in the distribution of body mass index among US adults, 1999–2010. *JAMA* 2012;307:491–7.
70. CDC. Obesity, halting the epidemic by making health easier: at a glance 2011. Atlanta, GA: US Department of Health and Human Services, CDC; 2011. Available at <http://www.cdc.gov/chronicdisease/resources/publications/aag/obesity.htm>. Accessed April 11, 2013.
71. Batty GD, Kivimaki M, Smith GD, Marmot MG, Shipley MJ. Obesity and overweight in relation to mortality in men with and without type 2 diabetes/impaired glucose tolerance: the original Whitehall Study. *Diabetes Care* 2007;30:2388–91.
72. Flegal KM, Graubard BI, Williamson DF, Gail MH. Cause-specific excess deaths associated with underweight, overweight, and obesity. *JAMA* 2007;298:2028–37.
73. Adams KF, Schatzkin A, Harris TB, et al. Overweight, obesity, and mortality in a large prospective cohort of persons 50 to 71 years old. *N Engl J Med* 2006;355:763–78.
74. Nawaz H, Chan W, Abdulrahman M, Larson D, Katz DL. Self-reported weight and height: implications for obesity research. *Am J Prev Med* 2001;20:294–8.
75. CDC. Recommended community strategies and measurements to prevent obesity in the United States. *MMWR* 2009;58(No. RR-7).
76. Institute of Medicine. Accelerating progress in obesity prevention: solving the weight of the nation. Washington, DC: Institute of Medicine; 2012. Available at <http://www.iom.edu/Reports/2012/Accelerating-Progress-in-Obesity-Prevention.aspx>. Accessed April 11, 2013.
77. Kliegman RM, Behrman RE, Jenson HB, Bonita Stanton Nelson textbook of pediatrics. 18th ed. Philadelphia, PA: Saunders; 2007.
78. CDC. Vital signs: asthma prevalence, disease characteristics, and self-management education: United States, 2001–2009. *MMWR* 2011;60:547–52.
79. Akinbami LJ, Moorman JE, Bailey C, et al. Trends in asthma prevalence, health care use, and mortality in the United States, 2001–2010. *NCHS Data Brief* 2012(94):1–8.

80. Eder W, Ege MJ, von Mutius E. The asthma epidemic. *N Engl J Med* 2006;355:2226–35.
81. National Institutes of Health. National Heart, Lung, and Blood Institute. National Asthma Education and Prevention Program. Expert Panel report 3: guidelines for the diagnosis and management of asthma. Washington, DC: US Department of Health and Human Services; 2007. Available at <http://www.nhlbi.nih.gov/guidelines/asthma/asthgdln.pdf>. Accessed April 11, 2013.
82. American Diabetes Association. Living with diabetes: complications. Alexandria, VA: American Diabetes Association; 2013. Available at <http://www.diabetes.org/living-with-diabetes/complications>. Accessed April 11, 2013.
83. Chodick G, Zucker I. Diabetes, gestational diabetes and the risk of cancer in women: epidemiologic evidence and possible biologic mechanisms. *Womens Health (Lond Engl)* 2011;7:227–37.
84. CDC. National diabetes fact sheet 2011. Atlanta, GA: US Department of Health and Human Services, CDC; 2011. Available at [http://www.cdc.gov/DIABETES//pubs/pdf/ndfs\\_2011.pdf](http://www.cdc.gov/DIABETES//pubs/pdf/ndfs_2011.pdf). Accessed April 11, 2013.
85. Boyle JP, Thompson TJ, Gregg EW, et al. Projection of the year 2050 burden of diabetes in the US adult population: dynamic modeling of incidence, mortality, and prediabetes prevalence. *Popul Health Metr* 2010;8:29.
86. American Diabetes Association. Economic costs of diabetes in the U.S. *Diabetes Care* 2008;31:596–615.
87. CDC. National Diabetes Prevention Program. Atlanta, GA: US Department of Health and Human Services, CDC; 2012. Available at <http://www.cdc.gov/diabetes/prevention/index.htm>. Accessed April 11, 2013.
88. CDC. Disability and health. Atlanta, GA: US Department of Health and Human Services, CDC; 2012. Available at <http://www.cdc.gov/ncbddd/disabilityandhealth/index.html>. Accessed April 11, 2013.
89. American Psychological Association. Disability and socioeconomic status. Washington, DC: American Psychological Association; 2013. Available at <http://www.apa.org/pi/ses/resources/publications/factsheet-disability.aspx>. Accessed April 11, 2013.
90. CDC. Racial/ethnic disparities in self-rated health status among adults with and without disabilities—United States, 2004–2006. *MMWR* 2008;57:1069–73.
91. Gulley SP, Rasch EK, Chan L. The complex web of health: relationships among chronic conditions, disability, and health services. *Public Health Rep* 2011;126:495–507.
92. Gulley SP, Rasch EK, Chan L. If we build it, who will come? Working-age adults with chronic health care needs and the medical home. *Med Care* 2011;49:149–55.
93. Kaiser Commission on Medicaid and the Uninsured. Medicaid: a primer. Washington, DC: Kaiser Commission on Medicaid and the Uninsured; 2005.
94. US Census Bureau. Americans with disabilities: 2005. Washington, DC: US Department of Commerce, US Census Bureau; 2008. Available at <http://www.census.gov/prod/2008pubs/p70-117.pdf>. Accessed April 11, 2013.
95. Bhattacharya J, Choudhry K, Lakdawalla D. Chronic disease and severe disability among working-age populations. *Med Care* 2008;46:92–100.
96. Covinsky KE, Pierluissi E, Johnston CB. Hospitalization-associated disability: “She was probably able to ambulate, but I’m not sure.” *JAMA* 2011;306:1782–93.
97. PubMedHealth. Coronary heart disease. Bethesda, MD: US National Library of Medicine; 2013. Available at <http://www.ncbi.nlm.nih.gov/pubmedhealth/PMH0004449>. Accessed April 11, 2013.
98. Heron M. Deaths: leading causes for 2007. *Natl Vital Stat Rep* 2011;59:1–95.
99. Roger VL, Go AS, Lloyd-Jones DM, et al. Heart disease and stroke statistics—2011 update: a report from the American Heart Association. *Circulation* 2011;123:e18–209.
100. Wilson PW, D’Agostino RB, Levy D, Belanger AM, Silbershatz H, Kannel WB. Prediction of coronary heart disease using risk factor categories. *Circulation* 1998;97:1837–47.
101. Bogers RP, Bemelmans WJ, Hoogenveen RT, et al. Association of overweight with increased risk of coronary heart disease partly independent of blood pressure and cholesterol levels: a meta-analysis of 21 cohort studies including more than 300,000 persons. *Arch Intern Med* 2007;167:1720–8.
102. CDC. Heart disease risk factors. Atlanta, GA: US Department of Health and Human Services, CDC; 2009. Available at [http://www.cdc.gov/heartdisease/risk\\_factors.htm](http://www.cdc.gov/heartdisease/risk_factors.htm). Accessed April 11, 2013.
103. CDC. Guidelines and recommendations to prevent heart disease. Atlanta, GA: US Department of Health and Human Services, CDC; 2011. Available at [http://www.cdc.gov/heartdisease/guidelines\\_recommendations.htm](http://www.cdc.gov/heartdisease/guidelines_recommendations.htm). Accessed April 11, 2013.
104. CDC. Stroke. Atlanta, GA: US Department of Health and Human Services, CDC; 2012. Available at <http://www.cdc.gov/stroke>. Accessed April 11, 2013.
105. Roger VL, Go AS, Lloyd-Jones DM, et al. Heart disease and stroke statistics—2012 update: a report from the American Heart Association. *Circulation* 2012;125:e2–220.
106. Heidenreich PA, Trogdon JG, Khavjou OA, et al. Forecasting the future of cardiovascular disease in the United States: a policy statement from the American Heart Association. *Circulation* 2011;123:933–44.
107. Petrea RE, Beiser AS, Seshadri S, Kelly-Hayes M, Kase CS, Wolf PA. Gender differences in stroke incidence and poststroke disability in the Framingham heart study. *Stroke* 2009;40:1032–7.
108. CDC. Prevalence of stroke—United States, 2006–2010. *MMWR* 2012;61:379–82.
109. Zweifler RM, McClure LA, Howard VJ, et al. Racial and geographic differences in prevalence, awareness, treatment and control of dyslipidemia: the reasons for geographic and racial differences in stroke (REGARDS) study. *Neuroepidemiology* 2011;37:39–44.
110. CDC. Stroke: related guidelines and recommendations. Atlanta, GA: US Department of Health and Human Services, CDC; 2011. Available at [http://www.cdc.gov/stroke/guidelines\\_recommendations.htm](http://www.cdc.gov/stroke/guidelines_recommendations.htm). Accessed April 11, 2013.
111. Burke H, Leonardi-Bee J, Hashim A, et al. Prenatal and passive smoke exposure and incidence of asthma and wheeze: systematic review and meta-analysis. *Pediatrics* 2012;129:735–44.
112. Kempf AM, Remington PL. New challenges for telephone survey research in the twenty-first century. *Annu Rev Public Health* 2007;28:113–26.
113. Nelson DE, Powell-Griner E, Town M, Kovar MG. A comparison of national estimates from the National Health Interview Survey and the Behavioral Risk Factor Surveillance System. *Am J Public Health* 2003;93:1335–41.



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114. Li C, Balluz LS, Ford ES, Okoro CA, Zhao G, Pierannunzi C. A comparison of prevalence estimates for selected health indicators and chronic diseases or conditions from the Behavioral Risk Factor Surveillance System, the National Health Interview Survey, and the National Health and Nutrition Examination Survey, 2007–2008. *Prev Med* 2012;54:381–7.
115. CDC. SMART: BRFSS city and county data. Atlanta, GA: US Department of Health and Human Services, CDC; 2011. Available at <http://www.cdc.gov/brfss/smart/index.htm>. Accessed April 11, 2013.
116. US Department of Health and Human Services. Healthy people 2020: topics and objectives index. Washington, DC: US Department of Health and Human Services; 2012. Available at <http://www.healthypeople.gov/2020/topicsobjectives2020>. Accessed April 11, 2013.

**TABLE 1. Estimated prevalence of adults aged  $\geq 18$  years who reported good or better health,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,645	78.8	0.6	(77.6–80.0)
Alaska	1,952	89.3	0.9	(87.5–91.1)
Arizona	5,625	84.2	0.8	(82.6–85.8)
Arkansas	4,013	80.9	0.9	(79.1–82.6)
California	17,767	81.9	0.4	(81.1–82.7)
Colorado	11,605	87.7	0.5	(86.8–88.6)
Connecticut	6,688	89.0	0.5	(88.0–89.9)
Delaware	4,244	86.3	0.7	(85.0–87.7)
District of Columbia	3,909	88.3	0.7	(87.0–89.6)
Florida	34,975	82.9	0.4	(82.0–83.7)
Georgia	5,773	84.0	0.6	(82.8–85.2)
Hawaii	6,548	85.8	0.6	(84.6–87.1)
Idaho	6,992	84.6	0.6	(83.4–85.8)
Illinois	5,197	84.5	0.7	(83.1–85.9)
Indiana	10,175	83.5	0.5	(82.5–84.6)
Iowa	6,087	88.5	0.5	(87.5–89.5)
Kansas	8,551	86.6	0.5	(85.7–87.5)
Kentucky	8,047	78.5	0.7	(77.1–79.8)
Louisiana	7,019	78.9	0.6	(77.6–80.1)
Maine	8,112	85.3	0.5	(84.3–86.3)
Maryland	9,164	87.0	0.5	(86.0–88.0)
Massachusetts	16,262	88.4	0.4	(87.7–89.2)
Michigan	8,848	85.8	0.5	(84.8–86.7)
Minnesota	8,942	89.1	0.6	(88.0–90.3)
Mississippi	8,071	76.3	0.7	(75.0–77.7)
Missouri	5,417	83.6	0.7	(82.1–85.0)
Montana	7,282	85.0	0.7	(83.7–86.4)
Nebraska	16,351	88.0	0.5	(87.1–88.9)
Nevada	3,906	83.0	1.0	(81.0–85.0)
New Hampshire	5,949	88.4	0.5	(87.4–89.4)
New Jersey	12,400	85.3	0.5	(84.4–86.2)
New Mexico	6,987	81.7	0.7	(80.4–83.0)
New York	8,919	85.3	0.5	(84.4–86.2)
North Carolina	12,096	81.9	0.5	(80.9–83.0)
North Dakota	4,753	86.9	0.6	(85.7–88.2)
Ohio	9,816	83.9	0.5	(82.9–84.9)
Oklahoma	7,706	79.5	0.6	(78.3–80.6)
Oregon	5,049	84.2	0.7	(82.8–85.6)
Pennsylvania	11,208	84.2	0.4	(83.4–85.1)
Rhode Island	6,463	87.2	0.5	(86.1–88.2)
South Carolina	9,354	82.4	0.7	(81.1–83.8)
South Dakota	6,706	88.5	0.5	(87.4–89.5)
Tennessee	5,749	80.5	0.8	(79.0–82.0)
Texas	17,981	82.6	0.5	(81.6–83.7)
Utah	10,140	88.3	0.5	(87.4–89.2)
Vermont	6,780	89.2	0.4	(88.4–90.1)
Virginia	5,366	86.0	0.7	(84.6–87.4)
Washington	19,574	86.5	0.3	(85.8–87.1)
West Virginia	4,394	76.6	0.8	(75.1–78.1)
Wisconsin	4,769	86.4	0.7	(85.0–87.9)
Wyoming	5,828	87.6	0.5	(86.5–88.6)
Guam	783	81.9	1.7	(78.7–85.2)
Puerto Rico	3,535	67.9	1.0	(66.0–69.9)
Virgin Islands	1,797	85.0	1.1	(82.9–87.1)
Median		85.0		
Range		67.9–89.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Respondents were asked to rate general health as poor, fair, good, very good, or excellent. Respondents were classified into two groups: those who reported fair or poor health and those with good, very good, or excellent health.

**TABLE 2. Estimated prevalence of adults aged  $\geq 18$  years who reported good or better health,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95%CI)
Akron, Ohio	808	85.5	1.6	(82.3–88.6)
Albuquerque, New Mexico	2,194	83.6	1.1	(81.4–85.7)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,087	85.8	1.4	(83.0–88.5)
Amarillo, Texas	827	83.2	1.6	(80.0–86.3)
Arcadia, Florida	502	74.0	3.6	(66.9–81.0)
Asheville, North Carolina	547	83.6	1.8	(80.0–87.1)
Atlanta-Sandy Springs-Marietta, Georgia	2,347	87.1	0.9	(85.3–88.8)
Atlantic City, New Jersey	915	79.9	1.8	(76.3–83.4)
Augusta-Richmond County, Georgia-South Carolina	873	83.5	1.6	(80.3–86.6)
Augusta-Waterville, Maine	653	86.7	1.8	(83.1–90.2)
Austin-Round Rock, Texas	972	86.2	2.9	(80.5–91.8)
Baltimore-Towson, Maryland	3,336	86.3	0.8	(84.7–87.8)
Bangor, Maine	687	83.7	1.7	(80.3–87.0)
Barre, Vermont	669	90.5	1.2	(88.1–92.8)
Baton Rouge, Louisiana	1,198	82.1	1.3	(79.5–84.6)
Bethesda-Gaithersburg-Frederick, Maryland†	1,634	91.1	0.9	(89.3–92.8)
Billings, Montana	536	85.9	2.0	(81.9–89.8)
Birmingham-Hoover, Alabama	1,196	82.3	1.3	(79.7–84.8)
Bismarck, North Dakota	769	88.1	1.2	(85.7–90.4)
Boise City-Nampa, Idaho	1,662	84.7	1.1	(82.5–86.8)
Boston-Quincy, Massachusetts†	3,305	89.5	0.7	(88.1–90.8)
Bremerton-Silverdale, Washington	920	88.8	1.3	(86.2–91.3)
Bridgeport-Stamford-Norwalk, Connecticut	2,153	90.6	1.0	(88.6–92.5)
Buffalo-Cheektowaga-Tonawanda, New York	607	85.0	1.8	(81.4–88.5)
Burlington-South Burlington, Vermont	1,991	91.3	0.7	(89.9–92.6)
Cambridge-Newton-Framingham, Massachusetts†	3,015	92.1	0.6	(90.9–93.2)
Camden, New Jersey†	1,700	85.7	1.1	(83.5–87.8)
Canton-Massillon, Ohio	745	84.4	1.5	(81.4–87.3)
Cape Coral-Fort Myers, Florida	518	83.5	2.3	(78.9–88.0)
Casper, Wyoming	767	85.6	1.6	(82.4–88.7)
Cedar Rapids, Iowa	557	91.3	1.3	(88.7–93.8)
Charleston, West Virginia	768	75.8	1.9	(72.0–79.5)
Charleston-North Charleston, South Carolina	1,146	84.8	1.9	(81.0–88.5)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,701	85.3	1.2	(82.9–87.6)
Chattanooga, Tennessee-Georgia	536	79.3	2.5	(74.4–84.2)
Cheyenne, Wyoming	914	85.1	1.5	(82.1–88.0)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	5,011	84.3	0.8	(82.7–85.8)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,793	86.0	1.1	(83.8–88.1)
Cleveland-Elyria-Mentor, Ohio	1,097	85.3	1.3	(82.7–87.8)
Coeur d'Alene, Idaho	568	87.5	1.8	(83.9–91.0)
Colorado Springs, Colorado	1,163	87.4	1.2	(85.0–89.7)
Columbia, South Carolina	1,135	83.6	1.6	(80.4–86.7)
Columbus, Ohio	1,385	84.2	1.4	(81.4–86.9)
Concord, New Hampshire	628	89.0	1.6	(85.8–92.1)
Dallas-Plano-Irving, Texas†	719	86.9	1.7	(83.5–90.2)
Dayton, Ohio	849	82.9	2.3	(78.3–87.4)
Del Rio, Texas	557	77.5	3.5	(70.6–84.3)
Deltona-Daytona Beach-Ormond Beach, Florida	859	78.9	2.1	(74.7–83.0)
Denver-Aurora, Colorado	4,818	90.2	0.5	(89.2–91.1)
Des Moines-West Des Moines, Iowa	1,005	90.4	1.1	(88.2–92.5)
Detroit-Livonia-Dearborn, Michigan†	1,909	81.5	1.4	(78.7–84.2)
Dover, Delaware	1,254	82.8	1.2	(80.4–85.1)
Durham, North Carolina	1,031	86.9	1.5	(83.9–89.8)
Edison, New Jersey†	2,266	86.4	1.0	(84.4–88.3)
El Paso, Texas	868	77.2	1.8	(73.6–80.7)
Eugene-Springfield, Oregon	511	83.4	2.1	(79.2–87.5)
Evansville, Indiana-Kentucky	535	81.9	2.0	(77.9–85.8)
Fargo, North Dakota-Minnesota	833	90.2	1.7	(86.8–93.5)
Farmington, New Mexico	685	84.7	1.9	(80.9–88.4)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	700	89.4	1.6	(86.2–92.5)
Fort Collins-Loveland, Colorado	560	92.0	1.6	(88.8–95.1)
Fort Wayne, Indiana	720	85.2	1.6	(82.0–88.3)
Fort Worth-Arlington, Texas†	735	85.6	1.7	(82.2–88.9)
Gainesville, Florida	949	89.9	1.6	(86.7–93.0)

See footnotes on page 21.

**TABLE 2. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported good or better health,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95%CI)
Grand Island, Nebraska	858	83.9	1.8	(80.3–87.4)
Grand Rapids-Wyoming, Michigan	621	86.3	1.9	(82.5–90.0)
Greensboro-High Point, North Carolina	1,157	82.6	1.6	(79.4–85.7)
Greenville, South Carolina	772	84.5	1.7	(81.1–87.8)
Hagerstown-Martinsburg, Maryland-West Virginia	644	85.5	1.7	(82.1–88.8)
Hartford-West Hartford-East Hartford, Connecticut	1,996	88.3	0.9	(86.5–90.0)
Hastings, Nebraska	587	86.5	1.7	(83.1–89.8)
Helena, Montana	638	87.6	1.8	(84.0–91.1)
Hickory-Morganton-Lenoir, North Carolina	599	77.5	2.3	(72.9–82.0)
Hilo, Hawaii	1,480	85.1	1.2	(82.7–87.4)
Hilton Head Island-Beaufort, South Carolina	798	87.0	1.8	(83.4–90.5)
Homosassa Springs, Florida	532	79.0	2.2	(74.6–83.3)
Honolulu, Hawaii	2,957	86.1	0.8	(84.5–87.6)
Houston-Sugar Land-Baytown, Texas	2,735	83.5	1.3	(80.9–86.0)
Huntington-Ashland, West Virginia-Kentucky-Ohio	657	72.2	2.3	(67.6–76.7)
Idaho Falls, Idaho	666	87.1	1.5	(84.1–90.0)
Indianapolis-Carmel, Indiana	2,246	85.9	1.0	(83.9–87.8)
Jackson, Mississippi	758	79.3	1.8	(75.7–82.8)
Jacksonville, Florida	2,584	83.0	1.3	(80.4–85.5)
Kahului-Wailuku, Hawaii	1,466	86.7	1.3	(84.1–89.2)
Kalispell, Montana	699	85.4	2.0	(81.4–89.3)
Kansas City, Missouri-Kansas	3,377	87.2	0.9	(85.4–88.9)
Kapaa, Hawaii	645	83.9	1.9	(80.1–87.6)
Kennewick-Richland-Pasco, Washington	647	84.6	2.0	(80.6–88.5)
Key West-Marathon, Florida	505	87.3	1.7	(83.9–90.6)
Kingsport-Bristol, Tennessee-Virginia	650	76.4	2.6	(71.3–81.4)
Knoxville, Tennessee	530	82.9	2.2	(78.5–87.2)
Lake City, Florida	564	78.2	2.4	(73.4–82.9)
Lakeland-Winter Haven, Florida	519	80.6	2.3	(76.0–85.1)
Laredo, Texas	916	78.2	1.5	(75.2–81.1)
Las Cruces, New Mexico	502	76.6	2.8	(71.1–82.0)
Las Vegas-Paradise, Nevada	1,266	82.6	1.4	(79.8–85.3)
Lebanon, New Hampshire-Vermont	1,541	89.0	1.0	(87.0–90.9)
Lewiston, Idaho-Washington	601	82.0	1.9	(78.2–85.7)
Lewiston-Auburn, Maine	501	84.5	1.9	(80.7–88.2)
Lincoln, Nebraska	1,133	91.6	1.3	(89.0–94.1)
Little Rock-North Little Rock, Arkansas	820	83.5	1.9	(79.7–87.2)
Los Angeles-Long Beach-Glendale, California <sup>†</sup>	2,617	79.4	1.0	(77.4–81.3)
Louisville, Kentucky-Indiana	905	82.6	1.6	(79.4–85.7)
Lubbock, Texas	776	81.7	2.2	(77.3–86.0)
Manchester-Nashua, New Hampshire	1,401	89.8	1.0	(87.8–91.7)
McAllen-Edinburg-Mission, Texas	593	75.7	2.2	(71.3–80.0)
Memphis, Tennessee-Mississippi-Arkansas	1,155	81.8	1.7	(78.4–85.1)
Miami-Fort Lauderdale-Miami Beach, Florida	1,027	84.7	1.5	(81.7–87.6)
Midland, Texas	523	84.6	2.0	(80.6–88.5)
Milwaukee-Waukesha-West Allis, Wisconsin	1,530	84.3	1.5	(81.3–87.2)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,860	90.7	0.8	(89.1–92.2)
Minot, North Dakota	556	86.7	1.6	(83.5–89.8)
Mobile, Alabama	678	78.1	2.1	(73.9–82.2)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	554	84.5	2.0	(80.5–88.4)
Naples-Marco Island, Florida	520	81.9	3.2	(75.6–88.1)
Nashville-Davidson-Murfreesboro, Tennessee	830	87.5	1.3	(84.9–90.0)
Nassau-Suffolk, New York <sup>†</sup>	1,070	89.5	1.1	(87.3–91.6)
Newark-Union, New Jersey-Pennsylvania <sup>†</sup>	3,317	86.4	0.8	(84.8–87.9)
New Haven-Milford, Connecticut	1,656	88.5	1.0	(86.5–90.4)
New Orleans-Metairie-Kenner, Louisiana	1,534	80.5	1.3	(77.9–83.0)
New York-White Plains-Wayne, New York-New Jersey <sup>†</sup>	6,181	84.1	0.6	(82.9–85.2)
Norfolk, Nebraska	675	86.7	1.7	(83.3–90.0)
North Platte, Nebraska	578	84.8	1.8	(81.2–88.3)
North Port-Bradenton-Sarasota, Florida	1,132	87.7	1.1	(85.5–89.8)
Ocala, Florida	588	76.9	2.5	(72.0–81.8)
Ocean City, New Jersey	519	85.9	1.7	(82.5–89.2)
Ogden-Clearfield, Utah	1,694	87.5	1.3	(84.9–90.0)

See footnotes on page 21.

**TABLE 2. (Continued) Estimated prevalence of adults aged ≥18 years who reported good or better health,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95%CI)
Oklahoma City, Oklahoma	2,466	81.8	1.0	(79.8–83.7)
Olympia, Washington	775	89.3	1.2	(86.9–91.6)
Omaha-Council Bluffs, Nebraska-Iowa	2,357	89.3	0.8	(87.7–90.8)
Orlando-Kissimmee, Florida	2,670	82.1	1.1	(79.9–84.2)
Palm Bay-Melbourne-Titusville, Florida	527	82.0	2.3	(77.4–86.5)
Panama City-Lynn Haven, Florida	544	85.2	1.8	(81.6–88.7)
Peabody, Massachusetts	2,131	86.6	1.4	(83.8–89.3)
Pensacola-Ferry Pass-Brent, Florida	1,012	84.1	1.4	(81.3–86.8)
Philadelphia, Pennsylvania†	2,361	85.3	1.0	(83.3–87.2)
Phoenix-Mesa-Scottsdale, Arizona	1,650	86.9	1.2	(84.5–89.2)
Pittsburgh, Pennsylvania	2,420	85.3	0.9	(83.5–87.0)
Portland-South Portland-Biddeford, Maine	2,624	88.6	0.8	(87.0–90.1)
Portland-Vancouver-Beaverton, Oregon-Washington	3,394	86.4	0.8	(84.8–87.9)
Port St. Lucie-Fort Pierce, Florida	1,022	82.0	1.7	(78.6–85.3)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,381	86.6	0.5	(85.6–87.5)
Provo-Orem, Utah	1,177	91.8	1.0	(89.8–93.7)
Raleigh-Cary, North Carolina	1,025	90.2	1.1	(88.0–92.3)
Rapid City, South Dakota	848	90.3	1.1	(88.1–92.4)
Reno-Sparks, Nevada	1,326	84.7	1.4	(81.9–87.4)
Richmond, Virginia	801	90.1	1.3	(87.5–92.6)
Riverside-San Bernardino-Ontario, California	1,877	80.7	1.2	(78.3–83.0)
Rochester, New York	570	85.1	1.9	(81.3–88.8)
Rockingham County-Strafford County, New Hampshire¶	1,590	89.8	0.8	(88.2–91.3)
Rutland, Vermont	657	87.1	1.6	(83.9–90.2)
Sacramento-Arden-Arcade-Roseville, California	1,293	86.9	1.1	(84.7–89.0)
St. Louis, Missouri-Illinois	1,749	86.4	1.2	(84.0–88.7)
Salt Lake City, Utah	4,308	87.7	0.6	(86.5–88.8)
San Antonio, Texas	1,123	83.9	1.5	(80.9–86.8)
San Diego-Carlsbad-San Marcos, California	1,695	85.6	1.1	(83.4–87.7)
San Francisco-Oakland-Fremont, California	2,354	85.4	1.0	(83.4–87.3)
San Jose-Sunnyvale-Santa Clara, California	912	85.2	1.6	(82.0–88.3)
Santa Ana-Anaheim-Irvine, California†	1,445	84.5	1.3	(81.9–87.0)
Santa Fe, New Mexico	610	84.8	2.1	(80.6–88.9)
Scottsbluff, Nebraska	755	85.5	1.7	(82.1–88.8)
Scranton-Wilkes-Barre, Pennsylvania	553	82.1	2.0	(78.1–86.0)
Seaford, Delaware	1,239	86.3	1.2	(83.9–88.6)
Seattle-Bellevue-Everett, Washington†	4,691	88.6	0.6	(87.4–89.7)
Sebring, Florida	520	75.0	3.0	(69.1–80.8)
Shreveport-Bossier City, Louisiana	679	79.3	1.9	(75.5–83.0)
Sioux City, Iowa-Nebraska-South Dakota	1,220	87.3	1.7	(83.9–90.6)
Sioux Falls, South Dakota	838	91.7	1.1	(89.5–93.8)
Spokane, Washington	1,214	86.2	1.3	(83.6–88.7)
Springfield, Massachusetts	2,052	88.2	1.0	(86.2–90.1)
Tacoma, Washington†	1,719	84.2	1.2	(81.8–86.5)
Tallahassee, Florida	2,038	83.9	1.8	(80.3–87.4)
Tampa-St. Petersburg-Clearwater, Florida	2,025	82.8	1.2	(80.4–85.1)
Toledo, Ohio	862	83.5	1.8	(79.9–87.0)
Topeka, Kansas	835	83.9	1.5	(80.9–86.8)
Trenton-Ewing, New Jersey	503	87.0	1.9	(83.2–90.7)
Tucson, Arizona	687	84.4	1.9	(80.6–88.1)
Tulsa, Oklahoma	2,136	79.5	1.1	(77.3–81.6)
Tuscaloosa, Alabama	518	81.7	2.4	(76.9–86.4)
Twin Falls, Idaho	536	85.2	2.4	(80.4–89.9)
Tyler, Texas	672	85.7	1.6	(82.5–88.8)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,101	85.6	1.8	(82.0–89.1)
Warren-Troy-Farmington Hills, Michigan†	1,798	89.1	0.9	(87.3–90.8)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,379	88.4	0.9	(86.6–90.1)
Wauchula, Florida	526	76.2	3.2	(69.9–82.4)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	553	85.0	2.0	(81.0–88.9)
Wichita, Kansas	1,849	85.4	1.2	(83.0–87.7)
Wichita Falls, Texas	824	80.9	2.0	(76.9–84.8)
Wilmington, Delaware-Maryland-New Jersey†	2,214	86.6	0.9	(84.8–88.3)

See footnotes on page 21.

**TABLE 2. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported good or better health,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95%CI)
Worcester, Massachusetts	2,098	87.7	1.1	(85.5–89.8)
Yakima, Washington	739	78.9	1.9	(75.1–82.6)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,060	83.8	1.8	(80.2–87.3)
Median		85.2		
Range		72.2–92.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Respondents were asked to rate general health as poor, fair, good, very good, or excellent. Respondents were classified into two groups: those who reported fair or poor health and those with good, very good, or excellent health.

† Metropolitan division.

**TABLE 3. Estimated prevalence of adults aged  $\geq 18$  years who reported good or better health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	602	82.0	1.7	(78.6–85.3)
Mobile County, Alabama	678	78.1	2.1	(73.9–82.2)
Tuscaloosa County, Alabama	435	84.1	2.4	(79.3–88.8)
Maricopa County, Arizona	1,270	87.0	1.2	(84.6–89.3)
Pima County, Arizona	687	84.4	1.9	(80.6–88.1)
Pinal County, Arizona	380	85.6	2.6	(80.5–90.6)
Benton County, Arkansas	361	92.3	1.5	(89.3–95.2)
Pulaski County, Arkansas	558	85.1	2.2	(80.7–89.4)
Washington County, Arkansas	298	87.9	2.7	(82.6–93.1)
Alameda County, California	755	85.4	1.7	(82.0–88.7)
Contra Costa County, California	632	89.7	1.6	(86.5–92.8)
Los Angeles County, California	2,617	79.4	1.0	(77.4–81.3)
Orange County, California	1,445	84.5	1.3	(81.9–87.0)
Placer County, California	255	88.2	2.2	(83.8–92.5)
Riverside County, California	930	78.3	1.8	(74.7–81.8)
Sacramento County, California	751	85.0	1.6	(81.8–88.1)
San Bernardino County, California	947	82.9	1.6	(79.7–86.0)
San Diego County, California	1,695	85.6	1.1	(83.4–87.7)
San Francisco County, California	385	79.9	2.6	(74.8–84.9)
San Mateo County, California	383	84.5	2.4	(79.7–89.2)
Santa Clara County, California	874	85.4	1.6	(82.2–88.5)
Adams County, Colorado	806	87.4	1.5	(84.4–90.3)
Arapahoe County, Colorado	870	91.2	0.9	(89.4–92.9)
Denver County, Colorado	873	86.6	1.5	(83.6–89.5)
Douglas County, Colorado	578	95.8	0.8	(94.2–97.3)
El Paso County, Colorado	1,031	87.4	1.3	(84.8–89.9)
Jefferson County, Colorado	1,164	89.7	1.2	(87.3–92.0)
Larimer County, Colorado	560	92.0	1.6	(88.8–95.1)
Fairfield County, Connecticut	2,153	90.6	1.0	(88.6–92.5)
Hartford County, Connecticut	1,482	87.6	1.1	(85.4–89.7)
Middlesex County, Connecticut	262	89.1	2.2	(84.7–93.4)
New Haven County, Connecticut	1,656	88.5	1.0	(86.5–90.4)
Tolland County, Connecticut	252	88.1	2.5	(83.2–93.0)
Kent County, Delaware	1,254	82.8	1.2	(80.4–85.1)
New Castle County, Delaware	1,751	87.6	1.0	(85.6–89.5)
Sussex County, Delaware	1,239	86.3	1.2	(83.9–88.6)
District of Columbia, District of Columbia	3,909	89.4	0.7	(88.0–90.7)
Alachua County, Florida	532	90.1	1.7	(86.7–93.4)
Baker County, Florida	508	79.7	3.0	(73.8–85.5)
Bay County, Florida	544	85.2	1.8	(81.6–88.7)
Brevard County, Florida	527	82.0	2.3	(77.4–86.5)
Broward County, Florida	522	86.0	1.9	(82.2–89.7)
Citrus County, Florida	532	79.0	2.2	(74.6–83.3)
Clay County, Florida	485	84.9	1.9	(81.1–88.6)
Collier County, Florida	520	81.9	3.2	(75.6–88.1)
Columbia County, Florida	564	78.2	2.4	(73.4–82.9)
DeSoto County, Florida	502	74.0	3.6	(66.9–81.0)
Duval County, Florida	550	81.5	2.0	(77.5–85.4)
Escambia County, Florida	520	84.4	1.9	(80.6–88.1)
Gadsden County, Florida	510	73.6	3.7	(66.3–80.8)
Gilchrist County, Florida	417	80.1	3.3	(73.6–86.5)
Hardee County, Florida	526	76.2	3.2	(69.9–82.4)
Hernando County, Florida	489	78.7	2.4	(73.9–83.4)
Highlands County, Florida	520	75.0	3.0	(69.1–80.8)
Hillsborough County, Florida	501	85.2	2.1	(81.0–89.3)
Jefferson County, Florida	500	80.4	2.7	(75.1–85.6)
Lake County, Florida	604	83.6	1.7	(80.2–86.9)
Lee County, Florida	518	83.5	2.3	(78.9–88.0)
Leon County, Florida	492	89.3	1.7	(85.9–92.6)
Manatee County, Florida	524	86.2	1.7	(82.8–89.5)
Marion County, Florida	588	76.9	2.5	(72.0–81.8)
Martin County, Florida	520	87.3	1.6	(84.1–90.4)
Miami-Dade County, Florida	505	83.4	2.0	(79.4–87.3)
Monroe County, Florida	505	87.3	1.7	(83.9–90.6)

See footnotes on page 26.



**TABLE 3. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported good or better health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Nassau County, Florida	520	83.2	2.5	(78.3–88.1)
Orange County, Florida	1,007	81.5	1.8	(77.9–85.0)
Osceola County, Florida	570	80.4	2.6	(75.3–85.4)
Palm Beach County, Florida	553	85.0	2.0	(81.0–88.9)
Pasco County, Florida	540	81.0	2.2	(76.6–85.3)
Pinellas County, Florida	495	84.6	1.8	(81.0–88.1)
Polk County, Florida	519	80.6	2.3	(76.0–85.1)
St. Johns County, Florida	521	87.7	1.7	(84.3–91.0)
St. Lucie County, Florida	502	79.1	2.3	(74.5–83.6)
Santa Rosa County, Florida	492	83.7	2.0	(79.7–87.6)
Sarasota County, Florida	608	88.2	1.6	(85.0–91.3)
Seminole County, Florida	489	83.7	2.3	(79.1–88.2)
Volusia County, Florida	859	78.9	2.1	(74.7–83.0)
Wakulla County, Florida	536	78.4	3.0	(72.5–84.2)
Cobb County, Georgia	253	85.3	2.7	(80.0–90.5)
DeKalb County, Georgia	341	88.5	1.9	(84.7–92.2)
Fulton County, Georgia	330	93.6	1.3	(91.0–96.1)
Gwinnett County, Georgia	251	89.5	2.2	(85.1–93.8)
Hawaii County, Hawaii	1,480	85.1	1.2	(82.7–87.4)
Honolulu County, Hawaii	2,957	86.1	0.8	(84.5–87.6)
Kauai County, Hawaii	645	83.9	1.9	(80.1–87.6)
Maui County, Hawaii	1,466	86.7	1.3	(84.1–89.2)
Ada County, Idaho	865	88.4	1.3	(85.8–90.9)
Bonneville County, Idaho	522	86.8	1.7	(83.4–90.1)
Canyon County, Idaho	619	79.1	2.1	(74.9–83.2)
Kootenai County, Idaho	568	87.5	1.8	(83.9–91.0)
Nez Perce County, Idaho	381	82.1	2.2	(77.7–86.4)
Twin Falls County, Idaho	430	84.4	2.6	(79.3–89.4)
Cook County, Illinois	2,883	82.9	1.0	(80.9–84.8)
DuPage County, Illinois	256	89.6	2.2	(85.2–93.9)
Allen County, Indiana	585	83.7	2.0	(79.7–87.6)
Lake County, Indiana	997	79.7	2.1	(75.5–83.8)
Marion County, Indiana	1,459	82.1	1.6	(78.9–85.2)
Linn County, Iowa	494	90.1	1.5	(87.1–93.0)
Polk County, Iowa	766	91.5	1.0	(89.5–93.4)
Johnson County, Kansas	1,415	92.5	0.7	(91.1–93.8)
Sedgwick County, Kansas	1,436	85.0	1.3	(82.4–87.5)
Shawnee County, Kansas	623	82.9	1.9	(79.1–86.6)
Wyandotte County, Kansas	605	80.4	2.2	(76.0–84.7)
Jefferson County, Kentucky	409	81.9	2.3	(77.3–86.4)
Caddo Parish, Louisiana	443	78.4	2.3	(73.8–82.9)
East Baton Rouge Parish, Louisiana	719	80.4	2.1	(76.2–84.5)
Jefferson Parish, Louisiana	594	76.1	2.4	(71.3–80.8)
Orleans Parish, Louisiana	376	82.1	2.3	(77.5–86.6)
St. Tammany Parish, Louisiana	371	84.9	2.3	(80.3–89.4)
Androscoggin County, Maine	501	84.5	1.9	(80.7–88.2)
Cumberland County, Maine	1,388	90.0	1.1	(87.8–92.1)
Kennebec County, Maine	653	86.7	1.8	(83.1–90.2)
Penobscot County, Maine	687	83.7	1.7	(80.3–87.0)
Sagadahoc County, Maine	298	85.6	2.3	(81.0–90.1)
York County, Maine	938	87.2	1.4	(84.4–89.9)
Anne Arundel County, Maryland	602	89.2	1.5	(86.2–92.1)
Baltimore County, Maryland	1,052	86.2	1.2	(83.8–88.5)
Cecil County, Maryland	267	86.5	2.3	(81.9–91.0)
Charles County, Maryland	349	88.3	1.8	(84.7–91.8)
Frederick County, Maryland	574	89.7	1.6	(86.5–92.8)
Harford County, Maryland	279	83.9	2.8	(78.4–89.3)
Howard County, Maryland	341	88.9	2.3	(84.3–93.4)
Montgomery County, Maryland	1,060	91.2	1.0	(89.2–93.1)
Prince George's County, Maryland	795	85.9	1.6	(82.7–89.0)
Queen Anne's County, Maryland	295	91.1	1.6	(87.9–94.2)
Washington County, Maryland	407	84.8	1.9	(81.0–88.5)
Baltimore city, Maryland	533	82.8	2.2	(78.4–87.1)
Bristol County, Massachusetts	2,918	85.0	1.1	(82.8–87.1)

See footnotes on page 26.



**TABLE 3. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported good or better health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Essex County, Massachusetts	2,131	87.6	1.3	(85.0–90.1)
Hampden County, Massachusetts	1,593	86.0	1.3	(83.4–88.5)
Hampshire County, Massachusetts	275	93.0	1.7	(89.6–96.3)
Middlesex County, Massachusetts	3,015	92.2	0.6	(91.0–93.3)
Norfolk County, Massachusetts	860	92.2	1.0	(90.2–94.1)
Plymouth County, Massachusetts	687	91.5	1.1	(89.3–93.6)
Suffolk County, Massachusetts	1,758	85.8	1.4	(83.0–88.5)
Worcester County, Massachusetts	2,098	87.7	1.1	(85.5–89.8)
Kent County, Michigan	444	89.8	1.7	(86.4–93.1)
Macomb County, Michigan	514	87.2	1.6	(84.0–90.3)
Oakland County, Michigan	936	90.9	1.1	(88.7–93.0)
Wayne County, Michigan	1,909	81.5	1.4	(78.7–84.2)
Anoka County, Minnesota	396	88.7	2.2	(84.3–93.0)
Dakota County, Minnesota	570	91.0	1.6	(87.8–94.1)
Hennepin County, Minnesota	2,049	93.3	0.9	(91.5–95.0)
Ramsey County, Minnesota	919	87.1	2.4	(82.3–91.8)
Washington County, Minnesota	258	91.0	2.3	(86.4–95.5)
DeSoto County, Mississippi	369	82.8	2.5	(77.9–87.7)
Hinds County, Mississippi	339	72.8	3.5	(65.9–79.6)
Jackson County, Missouri	525	86.0	1.9	(82.2–89.7)
St. Louis County, Missouri	605	84.7	2.7	(79.4–89.9)
St. Louis city, Missouri	645	83.7	1.8	(80.1–87.2)
Flathead County, Montana	699	85.4	2.0	(81.4–89.3)
Lewis and Clark County, Montana	529	88.3	1.5	(85.3–91.2)
Yellowstone County, Montana	485	86.0	2.1	(81.8–90.1)
Adams County, Nebraska	478	85.8	1.9	(82.0–89.5)
Dakota County, Nebraska	741	78.0	2.0	(74.0–81.9)
Douglas County, Nebraska	950	88.5	1.3	(85.9–91.0)
Hall County, Nebraska	583	84.0	2.1	(79.8–88.1)
Lancaster County, Nebraska	849	91.6	1.4	(88.8–94.3)
Lincoln County, Nebraska	546	84.2	2.0	(80.2–88.1)
Madison County, Nebraska	467	88.3	1.7	(84.9–91.6)
Sarpy County, Nebraska	579	91.0	1.5	(88.0–93.9)
Scotts Bluff County, Nebraska	732	85.8	1.6	(82.6–88.9)
Seward County, Nebraska	284	89.5	2.2	(85.1–93.8)
Clark County, Nevada	1,266	82.6	1.4	(79.8–85.3)
Washoe County, Nevada	1,306	84.7	1.4	(81.9–87.4)
Grafton County, New Hampshire	502	89.3	1.6	(86.1–92.4)
Hillsborough County, New Hampshire	1,401	89.8	1.0	(87.8–91.7)
Merrimack County, New Hampshire	628	89.0	1.6	(85.8–92.1)
Rockingham County, New Hampshire	1,008	91.1	0.9	(89.3–92.8)
Strafford County, New Hampshire	582	86.9	1.5	(83.9–89.8)
Atlantic County, New Jersey	915	79.9	1.8	(76.3–83.4)
Bergen County, New Jersey	626	87.5	1.6	(84.3–90.6)
Burlington County, New Jersey	568	87.6	1.5	(84.6–90.5)
Camden County, New Jersey	605	83.3	2.0	(79.3–87.2)
Cape May County, New Jersey	519	85.9	1.7	(82.5–89.2)
Essex County, New Jersey	1,019	81.8	1.5	(78.8–84.7)
Gloucester County, New Jersey	527	86.3	2.1	(82.1–90.4)
Hudson County, New Jersey	1,094	80.3	1.5	(77.3–83.2)
Hunterdon County, New Jersey	514	93.5	1.2	(91.1–95.8)
Mercer County, New Jersey	503	87.0	1.9	(83.2–90.7)
Middlesex County, New Jersey	632	85.9	1.7	(82.5–89.2)
Monmouth County, New Jersey	562	89.5	1.7	(86.1–92.8)
Morris County, New Jersey	700	91.5	1.2	(89.1–93.8)
Ocean County, New Jersey	536	83.4	1.8	(79.8–86.9)
Passaic County, New Jersey	502	83.2	2.2	(78.8–87.5)
Somerset County, New Jersey	536	90.8	1.5	(87.8–93.7)
Sussex County, New Jersey	502	88.9	1.6	(85.7–92.0)
Union County, New Jersey	522	84.7	1.9	(80.9–88.4)
Warren County, New Jersey	479	88.7	1.6	(85.5–91.8)
Bernalillo County, New Mexico	1,263	83.4	1.4	(80.6–86.1)
Dona Ana County, New Mexico	502	76.6	2.8	(71.1–82.0)
Sandoval County, New Mexico	521	87.7	1.6	(84.5–90.8)

See footnotes on page 26.

**TABLE 3. (Continued) Estimated prevalence of adults aged ≥18 years who reported good or better health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
San Juan County, New Mexico	685	84.7	1.9	(80.9–88.4)
Santa Fe County, New Mexico	610	84.8	2.1	(80.6–88.9)
Valencia County, New Mexico	350	76.7	3.1	(70.6–82.7)
Bronx County, New York	434	78.6	2.4	(73.8–83.3)
Erie County, New York	477	84.8	2.2	(80.4–89.1)
Kings County, New York	909	80.7	1.8	(77.1–84.2)
Monroe County, New York	384	85.5	2.2	(81.1–89.8)
Nassau County, New York	478	90.4	1.4	(87.6–93.1)
New York County, New York	1,035	85.2	1.5	(82.2–88.1)
Queens County, New York	797	83.4	1.8	(79.8–86.9)
Suffolk County, New York	592	89.7	1.6	(86.5–92.8)
Westchester County, New York	384	92.4	1.5	(89.4–95.3)
Buncombe County, North Carolina	263	84.7	2.5	(79.8–89.6)
Cabarrus County, North Carolina	307	86.7	2.3	(82.1–91.2)
Catawba County, North Carolina	294	82.4	3.2	(76.1–88.6)
Durham County, North Carolina	618	90.0	1.5	(87.0–92.9)
Gaston County, North Carolina	266	81.2	3.5	(74.3–88.0)
Guilford County, North Carolina	694	86.9	1.5	(83.9–89.8)
Johnston County, North Carolina	274	80.7	3.1	(74.6–86.7)
Mecklenburg County, North Carolina	605	85.2	1.7	(81.8–88.5)
Orange County, North Carolina	298	89.4	2.1	(85.2–93.5)
Randolph County, North Carolina	395	79.7	2.5	(74.8–84.6)
Union County, North Carolina	346	84.2	3.2	(77.9–90.4)
Wake County, North Carolina	712	92.5	1.0	(90.5–94.4)
Burleigh County, North Dakota	559	87.4	1.5	(84.4–90.3)
Cass County, North Dakota	779	89.8	1.5	(86.8–92.7)
Ward County, North Dakota	466	87.3	1.7	(83.9–90.6)
Cuyahoga County, Ohio	720	84.9	1.7	(81.5–88.2)
Franklin County, Ohio	679	84.5	1.7	(81.1–87.8)
Hamilton County, Ohio	725	87.0	1.4	(84.2–89.7)
Lucas County, Ohio	728	83.4	1.7	(80.0–86.7)
Mahoning County, Ohio	728	83.7	1.7	(80.3–87.0)
Montgomery County, Ohio	701	83.9	1.8	(80.3–87.4)
Stark County, Ohio	714	84.6	1.5	(81.6–87.5)
Summit County, Ohio	703	84.1	1.8	(80.5–87.6)
Cleveland County, Oklahoma	433	87.1	1.9	(83.3–90.8)
Oklahoma County, Oklahoma	1,432	79.8	1.3	(77.2–82.3)
Tulsa County, Oklahoma	1,517	80.9	1.2	(78.5–83.2)
Clackamas County, Oregon	448	85.6	2.1	(81.4–89.7)
Lane County, Oregon	511	83.4	2.1	(79.2–87.5)
Multnomah County, Oregon	816	85.5	1.5	(82.5–88.4)
Washington County, Oregon	584	89.0	1.5	(86.0–91.9)
Allegheny County, Pennsylvania	1,379	86.8	1.0	(84.8–88.7)
Lehigh County, Pennsylvania	282	83.1	2.5	(78.2–88.0)
Luzerne County, Pennsylvania	311	82.9	2.4	(78.1–87.6)
Montgomery County, Pennsylvania	344	88.1	2.3	(83.5–92.6)
Northampton County, Pennsylvania	260	88.4	2.3	(83.8–92.9)
Philadelphia County, Pennsylvania	1,399	78.4	1.4	(75.6–81.1)
Westmoreland County, Pennsylvania	338	85.5	2.5	(80.6–90.4)
Bristol County, Rhode Island	274	93.9	1.3	(91.3–96.4)
Kent County, Rhode Island	922	85.9	1.4	(83.1–88.6)
Newport County, Rhode Island	477	91.8	1.5	(88.8–94.7)
Providence County, Rhode Island	4,055	85.2	0.7	(83.8–86.5)
Washington County, Rhode Island	735	91.1	1.5	(88.1–94.0)
Aiken County, South Carolina	474	82.6	2.1	(78.4–86.7)
Beaufort County, South Carolina	677	87.6	1.9	(83.8–91.3)
Berkeley County, South Carolina	354	81.3	4.2	(73.0–89.5)
Charleston County, South Carolina	668	86.6	2.1	(82.4–90.7)
Greenville County, South Carolina	492	85.3	2.1	(81.1–89.4)
Horry County, South Carolina	554	84.5	2.0	(80.5–88.4)
Richland County, South Carolina	665	84.4	1.9	(80.6–88.1)
Minnehaha County, South Dakota	604	91.1	1.3	(88.5–93.6)
Pennington County, South Dakota	667	90.4	1.2	(88.0–92.7)
Davidson County, Tennessee	418	87.5	1.9	(83.7–91.2)

See footnotes on page 26.

Surveillance Summaries

**TABLE 3. (Continued) Estimated prevalence of adults aged ≥18 years who reported good or better health,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Hamilton County, Tennessee	385	81.2	2.7	(75.9–86.4)
Knox County, Tennessee	370	82.6	2.8	(77.1–88.0)
Shelby County, Tennessee	393	84.4	2.4	(79.6–89.1)
Sullivan County, Tennessee	458	78.6	2.7	(73.3–83.8)
Bexar County, Texas	964	83.4	1.7	(80.0–86.7)
Dallas County, Texas	391	85.1	2.3	(80.5–89.6)
El Paso County, Texas	868	77.2	1.8	(73.6–80.7)
Fort Bend County, Texas	926	90.5	1.2	(88.1–92.8)
Harris County, Texas	1,455	82.1	1.4	(79.3–84.8)
Hidalgo County, Texas	593	75.7	2.2	(71.3–80.0)
Lubbock County, Texas	752	83.0	1.8	(79.4–86.5)
Midland County, Texas	523	84.6	2.0	(80.6–88.5)
Potter County, Texas	336	79.5	2.7	(74.2–84.7)
Randall County, Texas	460	86.0	2.0	(82.0–89.9)
Smith County, Texas	672	85.7	1.6	(82.5–88.8)
Tarrant County, Texas	602	86.7	1.7	(83.3–90.0)
Travis County, Texas	759	85.9	3.8	(78.4–93.3)
Val Verde County, Texas	557	77.5	3.5	(70.6–84.3)
Webb County, Texas	916	78.2	1.5	(75.2–81.1)
Wichita County, Texas	673	80.9	2.2	(76.5–85.2)
Davis County, Utah	875	88.6	1.8	(85.0–92.1)
Salt Lake County, Utah	3,285	87.3	0.7	(85.9–88.6)
Summit County, Utah	453	94.4	1.2	(92.0–96.7)
Tooele County, Utah	570	88.9	1.5	(85.9–91.8)
Utah County, Utah	1,114	92.0	1.0	(90.0–93.9)
Weber County, Utah	774	85.6	1.7	(82.2–88.9)
Chittenden County, Vermont	1,428	92.3	0.9	(90.5–94.0)
Franklin County, Vermont	483	87.5	1.6	(84.3–90.6)
Orange County, Vermont	358	89.3	1.8	(85.7–92.8)
Rutland County, Vermont	657	87.1	1.6	(83.9–90.2)
Washington County, Vermont	669	90.5	1.2	(88.1–92.8)
Windsor County, Vermont	681	88.6	1.3	(86.0–91.1)
Benton County, Washington	393	86.3	2.0	(82.3–90.2)
Clark County, Washington	1,090	86.0	1.6	(82.8–89.1)
Franklin County, Washington	254	78.8	4.2	(70.5–87.0)
King County, Washington	3,039	89.5	0.7	(88.1–90.8)
Kitsap County, Washington	920	88.8	1.3	(86.2–91.3)
Pierce County, Washington	1,719	85.3	1.0	(83.3–87.2)
Snohomish County, Washington	1,652	88.0	0.9	(86.2–89.7)
Spokane County, Washington	1,214	86.2	1.3	(83.6–88.7)
Thurston County, Washington	775	89.3	1.2	(86.9–91.6)
Yakima County, Washington	739	78.9	1.9	(75.1–82.6)
Kanawha County, West Virginia	489	77.7	2.5	(72.8–82.6)
Milwaukee County, Wisconsin	1,216	82.3	2.0	(78.3–86.2)
Laramie County, Wyoming	914	85.1	1.5	(82.1–88.0)
Natrona County, Wyoming	767	85.6	1.6	(82.4–88.7)
Median		85.6		
Range		72.8–95.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Respondents were asked to rate general health as poor, fair, good, very good, or excellent. Respondents were classified into two groups: those who reported fair or poor health and those with good, very good, or excellent health.

**TABLE 4. Estimated prevalence of adults aged  $\geq 18$  years who have health-care coverage,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,636	83.8	0.7	(82.4–85.2)
Alaska	1,947	82.4	1.5	(79.5–85.3)
Arizona	5,738	86.7	0.9	(84.9–88.4)
Arkansas	4,017	78.7	1.3	(76.2–81.2)
California	17,767	82.2	0.5	(81.2–83.1)
Colorado	11,625	83.6	0.7	(82.3–84.9)
Connecticut	6,762	90.2	0.7	(88.8–91.5)
Delaware	4,237	90.0	0.9	(88.2–91.8)
District of Columbia	3,972	93.0	0.7	(91.6–94.3)
Florida	35,008	83.0	0.6	(81.9–84.1)
Georgia	5,767	83.7	0.8	(82.2–85.2)
Hawaii	6,544	93.2	0.6	(92.1–94.4)
Idaho	6,989	80.9	0.8	(79.4–82.4)
Illinois	5,193	86.9	0.9	(85.2–88.6)
Indiana	10,178	85.0	0.6	(83.7–86.2)
Iowa	6,080	89.6	0.7	(88.3–90.9)
Kansas	8,554	87.5	0.6	(86.3–88.6)
Kentucky	8,039	83.1	0.8	(81.5–84.7)
Louisiana	7,024	79.2	0.8	(77.5–80.8)
Maine	8,110	88.0	0.6	(86.9–89.2)
Maryland	9,168	89.1	0.7	(87.8–90.4)
Massachusetts	16,285	95.7	0.3	(95.2–96.3)
Michigan	8,836	86.1	0.6	(84.9–87.3)
Minnesota	8,948	91.0	0.7	(89.6–92.3)
Mississippi	8,071	78.4	0.8	(76.8–80.1)
Missouri	5,410	85.0	1.0	(83.0–87.0)
Montana	7,277	81.6	0.9	(79.7–83.4)
Nebraska	16,349	86.3	0.8	(84.8–87.8)
Nevada	3,904	80.3	1.3	(77.7–82.9)
New Hampshire	6,037	88.7	0.6	(87.5–90.0)
New Jersey	12,406	88.5	0.5	(87.5–89.5)
New Mexico	6,969	80.9	0.9	(79.2–82.6)
New York	8,914	88.6	0.5	(87.6–89.7)
North Carolina	12,106	81.0	0.7	(79.6–82.4)
North Dakota	4,743	88.9	0.8	(87.3–90.6)
Ohio	9,826	87.2	0.6	(86.0–88.4)
Oklahoma	7,724	80.8	0.7	(79.5–82.1)
Oregon	5,051	83.5	1.0	(81.6–85.4)
Pennsylvania	11,203	88.5	0.5	(87.5–89.4)
Rhode Island	6,589	87.7	0.8	(86.2–89.3)
South Carolina	9,390	81.2	0.9	(79.4–83.1)
South Dakota	6,702	89.4	0.7	(88.1–90.7)
Tennessee	5,761	83.5	0.9	(81.6–85.3)
Texas	18,018	76.9	0.7	(75.5–78.3)
Utah	10,134	84.1	0.7	(82.8–85.4)
Vermont	6,779	91.6	0.6	(90.5–92.7)
Virginia	5,376	87.8	0.8	(86.2–89.4)
Washington	19,579	84.9	0.5	(84.0–85.8)
West Virginia	4,392	82.5	0.9	(80.7–84.3)
Wisconsin	4,765	89.3	0.8	(87.7–90.9)
Wyoming	5,824	83.5	0.8	(81.9–85.2)
Guam	779	77.8	2.0	(74.0–81.7)
Puerto Rico	3,541	92.1	0.7	(90.7–93.5)
Virgin Islands	1,815	69.4	1.6	(66.3–72.5)
Median		85.0		
Range		69.4–95.7		

Abbreviations: SE = standard error; CI = confidence interval.

\* Includes health insurance, prepaid plans (e.g., health maintenance organizations), or government plans (e.g., Medicare).

**TABLE 5. Estimated prevalence of adults aged  $\geq 18$  years who have health-care coverage,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	810	85.0	2.0	(81.0–88.9)
Albuquerque, New Mexico	2,186	85.2	1.5	(82.2–88.1)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,090	90.5	1.4	(87.7–93.2)
Amarillo, Texas	827	82.7	2.0	(78.7–86.6)
Arcadia, Florida	502	64.7	4.6	(55.6–73.7)
Asheville, North Carolina	547	81.9	2.4	(77.1–86.6)
Atlanta-Sandy Springs-Marietta, Georgia	2,342	84.7	1.4	(81.9–87.4)
Atlantic City, New Jersey	921	87.6	1.6	(84.4–90.7)
Augusta-Richmond County, Georgia-South Carolina	871	84.6	1.9	(80.8–88.3)
Augusta-Waterville, Maine	652	88.6	2.0	(84.6–92.5)
Austin-Round Rock, Texas	975	88.0	2.0	(84.0–91.9)
Baltimore-Towson, Maryland	3,336	89.6	1.0	(87.6–91.5)
Bangor, Maine	687	89.8	1.5	(86.8–92.7)
Barre, Vermont	671	92.0	1.8	(88.4–95.5)
Baton Rouge, Louisiana	1,201	83.9	1.6	(80.7–87.0)
Bethesda-Gaithersburg-Frederick, Maryland†	1,640	89.8	1.4	(87.0–92.5)
Billings, Montana	534	85.8	2.3	(81.2–90.3)
Birmingham-Hoover, Alabama	1,197	82.2	1.9	(78.4–85.9)
Bismarck, North Dakota	769	92.5	1.3	(89.9–95.0)
Boise City-Nampa, Idaho	1,658	80.8	1.5	(77.8–83.7)
Boston-Quincy, Massachusetts†	3,307	95.1	0.7	(93.7–96.4)
Bremerton-Silverdale, Washington	922	88.4	1.8	(84.8–91.9)
Bridgeport-Stamford-Norwalk, Connecticut	2,180	91.4	1.1	(89.2–93.5)
Buffalo-Cheektowaga-Tonawanda, New York	609	93.0	1.7	(89.6–96.3)
Burlington-South Burlington, Vermont	1,994	94.3	0.8	(92.7–95.8)
Cambridge-Newton-Framingham, Massachusetts†	3,023	97.0	0.5	(96.0–97.9)
Camden, New Jersey†	1,697	91.9	1.1	(89.7–94.0)
Canton-Massillon, Ohio	746	84.4	2.5	(79.5–89.3)
Cape Coral-Fort Myers, Florida	515	76.9	4.3	(68.4–85.3)
Casper, Wyoming	766	81.8	2.2	(77.4–86.1)
Cedar Rapids, Iowa	557	92.3	1.6	(89.1–95.4)
Charleston, West Virginia	769	84.3	2.2	(79.9–88.6)
Charleston-North Charleston, South Carolina	1,150	84.0	2.2	(79.6–88.3)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,710	81.2	1.7	(77.8–84.5)
Chattanooga, Tennessee-Georgia	536	80.4	3.1	(74.3–86.4)
Cheyenne, Wyoming	912	85.9	1.7	(82.5–89.2)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	5,009	85.4	1.0	(83.4–87.3)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,789	86.1	1.6	(82.9–89.2)
Cleveland-Elyria-Mentor, Ohio	1,097	89.2	1.5	(86.2–92.1)
Coeur d'Alene, Idaho	570	82.2	2.8	(76.7–87.6)
Colorado Springs, Colorado	1,162	85.3	1.7	(81.9–88.6)
Columbia, South Carolina	1,132	80.9	2.3	(76.3–85.4)
Columbus, Ohio	1,381	88.9	1.5	(85.9–91.8)
Concord, New Hampshire	640	88.2	2.2	(83.8–92.5)
Dallas-Plano-Irving, Texas†	719	78.3	2.7	(73.0–83.5)
Dayton, Ohio	852	89.1	1.8	(85.5–92.6)
Del Rio, Texas	556	74.7	3.4	(68.0–81.3)
Deltona-Daytona Beach-Ormond Beach, Florida	861	82.1	2.3	(77.5–86.6)
Denver-Aurora, Colorado	4,828	86.9	0.8	(85.3–88.4)
Des Moines-West Des Moines, Iowa	1,003	91.5	1.2	(89.1–93.8)
Detroit-Livonia-Dearborn, Michigan†	1,909	82.0	1.8	(78.4–85.5)
Dover, Delaware	1,251	90.5	1.6	(87.3–93.6)
Durham, North Carolina	1,034	86.1	1.9	(82.3–89.8)
Edison, New Jersey†	2,263	90.7	1.0	(88.7–92.6)
El Paso, Texas	869	62.5	2.4	(57.7–67.2)
Eugene-Springfield, Oregon	510	79.1	3.4	(72.4–85.7)
Evansville, Indiana-Kentucky	535	89.8	1.9	(86.0–93.5)
Fargo, North Dakota-Minnesota	831	92.7	1.7	(89.3–96.0)
Farmington, New Mexico	684	74.5	2.7	(69.2–79.7)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	698	79.5	3.1	(73.4–85.5)
Fort Collins-Loveland, Colorado	560	87.7	2.8	(82.2–93.1)
Fort Wayne, Indiana	719	87.5	1.7	(84.1–90.8)
Fort Worth-Arlington, Texas†	735	80.3	2.6	(75.2–85.3)

See footnotes on page 31.

**TABLE 5. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who have health-care coverage,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	953	84.8	2.7	(79.5–90.0)
Grand Island, Nebraska	859	85.8	2.0	(81.8–89.7)
Grand Rapids-Wyoming, Michigan	619	89.8	1.7	(86.4–93.1)
Greensboro-High Point, North Carolina	1,157	86.4	1.7	(83.0–89.7)
Greenville, South Carolina	779	82.9	3.1	(76.8–88.9)
Hagerstown-Martinsburg, Maryland-West Virginia	644	84.0	2.6	(78.9–89.0)
Hartford-West Hartford-East Hartford, Connecticut	2,019	90.0	1.3	(87.4–92.5)
Hastings, Nebraska	589	91.3	1.8	(87.7–94.8)
Helena, Montana	642	89.3	2.0	(85.3–93.2)
Hickory-Morganton-Lenoir, North Carolina	597	78.1	2.6	(73.0–83.1)
Hilo, Hawaii	1,479	91.4	1.2	(89.0–93.7)
Hilton Head Island-Beaufort, South Carolina	803	87.4	2.0	(83.4–91.3)
Homosassa Springs, Florida	535	79.7	2.8	(74.2–85.1)
Honolulu, Hawaii	2,958	93.9	0.8	(92.3–95.4)
Houston-Sugar Land-Baytown, Texas	2,735	75.9	1.6	(72.7–79.0)
Huntington-Ashland, West Virginia-Kentucky-Ohio	657	84.2	2.1	(80.0–88.3)
Idaho Falls, Idaho	665	83.7	2.1	(79.5–87.8)
Indianapolis-Carmel, Indiana	2,252	86.5	1.3	(83.9–89.0)
Jackson, Mississippi	759	84.1	2.0	(80.1–88.0)
Jacksonville, Florida	2,583	85.4	1.8	(81.8–88.9)
Kahului-Wailuku, Hawaii	1,462	92.5	1.1	(90.3–94.6)
Kalispell, Montana	698	81.1	2.0	(77.1–85.0)
Kansas City, Missouri-Kansas	3,378	87.5	1.0	(85.5–89.4)
Kapaa, Hawaii	645	90.7	2.0	(86.7–94.6)
Kennewick-Richland-Pasco, Washington	645	82.9	2.1	(78.7–87.0)
Key West-Marathon, Florida	503	77.9	3.2	(71.6–84.1)
Kingsport-Bristol, Tennessee-Virginia	655	83.2	3.5	(76.3–90.0)
Knoxville, Tennessee	529	83.8	2.6	(78.7–88.8)
Lake City, Florida	565	77.6	2.9	(71.9–83.2)
Lakeland-Winter Haven, Florida	522	76.2	3.0	(70.3–82.0)
Laredo, Texas	924	51.2	2.2	(46.8–55.5)
Las Cruces, New Mexico	503	72.9	3.5	(66.0–79.7)
Las Vegas-Paradise, Nevada	1,270	80.3	1.8	(76.7–83.8)
Lebanon, New Hampshire-Vermont	1,551	87.0	1.4	(84.2–89.7)
Lewiston, Idaho-Washington	602	85.9	2.5	(81.0–90.8)
Lewiston-Auburn, Maine	500	88.8	2.0	(84.8–92.7)
Lincoln, Nebraska	1,132	86.9	2.1	(82.7–91.0)
Little Rock-North Little Rock, Arkansas	822	86.6	2.2	(82.2–90.9)
Los Angeles-Long Beach-Glendale, California†	2,614	77.3	1.2	(74.9–79.6)
Louisville, Kentucky-Indiana	908	86.3	1.8	(82.7–89.8)
Lubbock, Texas	776	77.7	2.8	(72.2–83.1)
Manchester-Nashua, New Hampshire	1,421	90.1	1.3	(87.5–92.6)
McAllen-Edinburg-Mission, Texas	595	45.7	2.8	(40.2–51.1)
Memphis, Tennessee-Mississippi-Arkansas	1,155	82.4	2.8	(76.9–87.8)
Miami-Fort Lauderdale-Miami Beach, Florida	1,029	76.5	2.2	(72.1–80.8)
Midland, Texas	524	84.5	2.4	(79.7–89.2)
Milwaukee-Waukesha-West Allis, Wisconsin	1,527	90.3	1.6	(87.1–93.4)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,859	91.0	1.1	(88.8–93.1)
Minot, North Dakota	553	91.5	1.5	(88.5–94.4)
Mobile, Alabama	675	76.8	2.9	(71.1–82.4)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	555	77.0	3.0	(71.1–82.8)
Naples-Marco Island, Florida	519	80.7	3.6	(73.6–87.7)
Nashville-Davidson-Murfreesboro, Tennessee	830	86.0	2.2	(81.6–90.3)
Nassau-Suffolk, New York†	1,071	90.6	1.4	(87.8–93.3)
Newark-Union, New Jersey-Pennsylvania†	3,317	85.9	1.2	(83.5–88.2)
New Haven-Milford, Connecticut	1,669	90.2	1.3	(87.6–92.7)
New Orleans-Metairie-Kenner, Louisiana	1,537	79.7	1.8	(76.1–83.2)
New York-White Plains-Wayne, New York-New Jersey†	6,177	85.6	0.8	(84.0–87.1)
Norfolk, Nebraska	675	90.1	1.8	(86.5–93.6)
North Platte, Nebraska	577	90.3	1.9	(86.5–94.0)
North Port-Bradenton-Sarasota, Florida	1,134	81.9	2.3	(77.3–86.4)
Ocala, Florida	589	80.3	2.8	(74.8–85.7)
Ocean City, New Jersey	519	88.2	2.4	(83.4–92.9)

See footnotes on page 31.



**TABLE 5. (Continued) Estimated prevalence of adults aged ≥18 years who have health-care coverage,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,696	86.8	1.6	(83.6–89.9)
Oklahoma City, Oklahoma	2,473	79.9	1.2	(77.5–82.2)
Olympia, Washington	773	85.7	2.2	(81.3–90.0)
Omaha-Council Bluffs, Nebraska-Iowa	2,350	85.6	1.4	(82.8–88.3)
Orlando-Kissimmee, Florida	2,667	81.5	1.3	(78.9–84.0)
Palm Bay-Melbourne-Titusville, Florida	527	82.4	3.1	(76.3–88.4)
Panama City-Lynn Haven, Florida	543	84.1	2.4	(79.3–88.8)
Peabody, Massachusetts	2,134	93.7	1.5	(90.7–96.6)
Pensacola-Ferry Pass-Brent, Florida	1,014	82.2	2.1	(78.0–86.3)
Philadelphia, Pennsylvania†	2,365	87.1	1.3	(84.5–89.6)
Phoenix-Mesa-Scottsdale, Arizona	1,687	87.2	1.4	(84.4–89.9)
Pittsburgh, Pennsylvania	2,417	89.1	1.1	(86.9–91.2)
Portland-South Portland-Biddeford, Maine	2,626	90.6	0.9	(88.8–92.3)
Portland-Vancouver-Beaverton, Oregon-Washington	3,395	86.1	1.2	(83.7–88.4)
Port St. Lucie-Fort Pierce, Florida	1,023	80.3	2.4	(75.5–85.0)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,517	89.7	0.7	(88.3–91.0)
Provo-Orem, Utah	1,173	85.5	1.8	(81.9–89.0)
Raleigh-Cary, North Carolina	1,024	86.1	1.7	(82.7–89.4)
Rapid City, South Dakota	846	88.2	1.6	(85.0–91.3)
Reno-Sparks, Nevada	1,326	82.4	1.5	(79.4–85.3)
Richmond, Virginia	800	87.2	2.2	(82.8–91.5)
Riverside-San Bernardino-Ontario, California	1,879	76.6	1.5	(73.6–79.5)
Rochester, New York	566	90.9	2.4	(86.1–95.6)
Rockingham County-Strafford County, New Hampshire†	1,606	90.8	1.0	(88.8–92.7)
Rutland, Vermont	659	88.3	2.2	(83.9–92.6)
Sacramento-Arden-Arcade-Roseville, California	1,293	87.2	1.8	(83.6–90.7)
St. Louis, Missouri-Illinois	1,745	86.4	1.8	(82.8–89.9)
Salt Lake City, Utah	4,299	83.1	0.9	(81.3–84.8)
San Antonio, Texas	1,129	82.8	2.0	(78.8–86.7)
San Diego-Carlsbad-San Marcos, California	1,695	82.3	1.5	(79.3–85.2)
San Francisco-Oakland-Fremont, California	2,357	90.7	0.9	(88.9–92.4)
San Jose-Sunnyvale-Santa Clara, California	911	89.4	1.6	(86.2–92.5)
Santa Ana-Anaheim-Irvine, California†	1,446	84.3	1.5	(81.3–87.2)
Santa Fe, New Mexico	609	79.3	2.6	(74.2–84.3)
Scottsbluff, Nebraska	759	88.5	1.7	(85.1–91.8)
Scranton-Wilkes-Barre, Pennsylvania	553	87.7	2.3	(83.1–92.2)
Seaford, Delaware	1,238	87.9	1.8	(84.3–91.4)
Seattle-Bellevue-Everett, Washington†	4,691	85.9	0.9	(84.1–87.6)
Sebring, Florida	520	79.8	3.0	(73.9–85.6)
Shreveport-Bossier City, Louisiana	681	77.6	2.8	(72.1–83.0)
Sioux City, Iowa-Nebraska-South Dakota	1,220	86.4	2.7	(81.1–91.6)
Sioux Falls, South Dakota	838	93.4	1.3	(90.8–95.9)
Spokane, Washington	1,212	86.0	1.7	(82.6–89.3)
Springfield, Massachusetts	2,050	94.0	1.4	(91.2–96.7)
Tacoma, Washington†	1,719	87.7	1.2	(85.3–90.0)
Tallahassee, Florida	2,046	84.8	2.1	(80.6–88.9)
Tampa-St. Petersburg-Clearwater, Florida	2,033	85.2	1.6	(82.0–88.3)
Toledo, Ohio	863	87.8	1.6	(84.6–90.9)
Topeka, Kansas	835	87.9	1.8	(84.3–91.4)
Trenton-Ewing, New Jersey	503	93.8	1.6	(90.6–96.9)
Tucson, Arizona	698	86.6	2.5	(81.7–91.5)
Tulsa, Oklahoma	2,137	80.2	1.3	(77.6–82.7)
Tuscaloosa, Alabama	516	79.8	3.1	(73.7–85.8)
Twin Falls, Idaho	539	77.3	3.2	(71.0–83.5)
Tyler, Texas	673	76.3	3.3	(69.8–82.7)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,103	85.7	2.3	(81.1–90.2)
Warren-Troy-Farmington Hills, Michigan†	1,797	88.4	1.4	(85.6–91.1)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,438	91.3	0.9	(89.5–93.0)
Wauchula, Florida	530	67.0	4.0	(59.1–74.8)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	551	89.5	2.2	(85.1–93.8)
Wichita, Kansas	1,848	87.8	1.3	(85.2–90.3)
Wichita Falls, Texas	828	77.1	2.6	(72.0–82.1)
Wilmington, Delaware-Maryland-New Jersey†	2,214	90.2	1.1	(88.0–92.3)

See footnotes on page 31.

**TABLE 5. (Continued)** Estimated prevalence of adults aged  $\geq 18$  years who have health-care coverage,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	2,098	95.9	0.7	(94.5–97.2)
Yakima, Washington	737	78.1	2.4	(73.3–82.8)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,062	87.1	2.2	(82.7–91.4)
Median		85.9		
Range		45.7–97.0		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Includes health insurance, prepaid plans (e.g., health maintenance organizations), or government plans (e.g., Medicare).

†Metropolitan division.



**TABLE 6. Estimated prevalence of adults aged ≥18 years who have health care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	601	79.3	2.7	(74.0–84.5)
Mobile County, Alabama	675	76.8	2.9	(71.1–82.4)
Tuscaloosa County, Alabama	433	79.7	3.3	(73.2–86.1)
Maricopa County, Arizona	1,300	86.8	1.5	(83.8–89.7)
Pima County, Arizona	698	86.6	2.5	(81.7–91.5)
Pinal County, Arizona	387	91.8	2.0	(87.8–95.7)
Benton County, Arkansas	360	88.1	2.9	(82.4–93.7)
Pulaski County, Arkansas	559	87.8	2.7	(82.5–93.0)
Washington County, Arkansas	297	81.5	3.9	(73.8–89.1)
Alameda County, California	757	90.1	1.5	(87.1–93.0)
Contra Costa County, California	631	89.8	1.7	(86.4–93.1)
Los Angeles County, California	2,614	77.3	1.2	(74.9–79.6)
Orange County, California	1,446	84.3	1.5	(81.3–87.2)
Placer County, California	255	88.7	3.0	(82.8–94.5)
Riverside County, California	932	77.7	2.1	(73.5–81.8)
Sacramento County, California	751	90.0	1.7	(86.6–93.3)
San Bernardino County, California	947	75.9	2.2	(71.5–80.2)
San Diego County, California	1,695	82.3	1.5	(79.3–85.2)
San Francisco County, California	385	95.9	1.2	(93.5–98.2)
San Mateo County, California	385	90.2	2.4	(85.4–94.9)
Santa Clara County, California	873	89.5	1.6	(86.3–92.6)
Adams County, Colorado	808	82.4	2.1	(78.2–86.5)
Arapahoe County, Colorado	872	88.2	1.8	(84.6–91.7)
Denver County, Colorado	875	84.6	2.1	(80.4–88.7)
Douglas County, Colorado	578	93.0	1.6	(89.8–96.1)
El Paso County, Colorado	1,029	84.7	1.8	(81.1–88.2)
Jefferson County, Colorado	1,167	87.5	1.8	(83.9–91.0)
Larimer County, Colorado	560	87.7	2.8	(82.2–93.1)
Fairfield County, Connecticut	2,180	91.4	1.1	(89.2–93.5)
Hartford County, Connecticut	1,502	89.9	1.4	(87.1–92.6)
Middlesex County, Connecticut	262	92.1	2.6	(87.0–97.1)
New Haven County, Connecticut	1,669	90.2	1.3	(87.6–92.7)
Tolland County, Connecticut	255	91.5	2.8	(86.0–96.9)
Kent County, Delaware	1,251	90.5	1.6	(87.3–93.6)
New Castle County, Delaware	1,748	90.6	1.2	(88.2–92.9)
Sussex County, Delaware	1,238	87.9	1.8	(84.3–91.4)
District of Columbia, District of Columbia	3,972	92.7	0.8	(91.1–94.2)
Alachua County, Florida	536	85.3	2.8	(79.8–90.7)
Baker County, Florida	508	82.2	3.3	(75.7–88.6)
Bay County, Florida	543	84.1	2.4	(79.3–88.8)
Brevard County, Florida	527	82.4	3.1	(76.3–88.4)
Broward County, Florida	524	78.7	2.8	(73.2–84.1)
Citrus County, Florida	535	79.7	2.8	(74.2–85.1)
Clay County, Florida	486	83.6	2.7	(78.3–88.8)
Collier County, Florida	519	80.7	3.6	(73.6–87.7)
Columbia County, Florida	565	77.6	2.9	(71.9–83.2)
DeSoto County, Florida	502	64.7	4.6	(55.6–73.7)
Duval County, Florida	547	87.7	2.1	(83.5–91.8)
Escambia County, Florida	520	80.3	3.1	(74.2–86.3)
Gadsden County, Florida	510	79.8	2.7	(74.5–85.0)
Gilchrist County, Florida	417	NA†	NA	NA
Hardee County, Florida	530	67.0	4.0	(59.1–74.8)
Hernando County, Florida	490	84.9	2.8	(79.4–90.3)
Highlands County, Florida	520	79.8	3.0	(73.9–85.6)
Hillsborough County, Florida	506	84.5	2.5	(79.6–89.4)
Jefferson County, Florida	502	78.2	3.6	(71.1–85.2)
Lake County, Florida	606	88.1	2.4	(83.3–92.8)
Lee County, Florida	515	76.9	4.3	(68.4–85.3)
Leon County, Florida	498	88.4	2.4	(83.6–93.1)
Manatee County, Florida	525	82.7	3.5	(75.8–89.5)
Marion County, Florida	589	80.3	2.8	(74.8–85.7)
Martin County, Florida	519	87.2	2.4	(82.4–91.9)
Miami-Dade County, Florida	505	77.2	2.9	(71.5–82.8)

See footnotes on page 36.

**TABLE 6. (Continued) Estimated prevalence of adults aged ≥18 years who have health care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	503	77.9	3.2	(71.6–84.1)
Nassau County, Florida	521	NA	NA	NA
Orange County, Florida	1,002	82.2	1.8	(78.6–85.7)
Osceola County, Florida	570	75.9	3.0	(70.0–81.7)
Palm Beach County, Florida	551	89.5	2.2	(85.1–93.8)
Pasco County, Florida	540	86.2	3.1	(80.1–92.2)
Pinellas County, Florida	497	86.8	2.6	(81.7–91.8)
Polk County, Florida	522	76.2	3.0	(70.3–82.0)
St. Johns County, Florida	521	92.0	1.7	(88.6–95.3)
St. Lucie County, Florida	504	78.3	3.0	(72.4–84.1)
Santa Rosa County, Florida	494	85.1	2.3	(80.5–89.6)
Sarasota County, Florida	609	81.4	2.8	(75.9–86.8)
Seminole County, Florida	489	81.1	2.6	(76.0–86.1)
Volusia County, Florida	861	82.1	2.3	(77.5–86.6)
Wakulla County, Florida	536	81.4	3.3	(74.9–87.8)
Cobb County, Georgia	253	95.6	1.3	(93.0–98.1)
DeKalb County, Georgia	342	83.2	3.1	(77.1–89.2)
Fulton County, Georgia	328	87.6	3.0	(81.7–93.4)
Gwinnett County, Georgia	251	88.1	3.4	(81.4–94.7)
Hawaii County, Hawaii	1,479	91.4	1.2	(89.0–93.7)
Honolulu County, Hawaii	2,958	93.9	0.8	(92.3–95.4)
Kauai County, Hawaii	645	90.7	2.0	(86.7–94.6)
Maui County, Hawaii	1,462	92.5	1.1	(90.3–94.6)
Ada County, Idaho	861	85.0	2.0	(81.0–88.9)
Bonneville County, Idaho	522	85.1	2.3	(80.5–89.6)
Canyon County, Idaho	619	73.7	2.7	(68.4–78.9)
Kootenai County, Idaho	570	82.2	2.8	(76.7–87.6)
Nez Perce County, Idaho	381	85.6	2.8	(80.1–91.0)
Twin Falls County, Idaho	434	80.5	3.1	(74.4–86.5)
Cook County, Illinois	2,882	83.6	1.3	(81.0–86.1)
DuPage County, Illinois	256	91.3	2.5	(86.4–96.2)
Allen County, Indiana	585	86.1	2.0	(82.1–90.0)
Lake County, Indiana	999	81.7	2.5	(76.8–86.6)
Marion County, Indiana	1,463	83.3	1.8	(79.7–86.8)
Linn County, Iowa	494	92.0	1.8	(88.4–95.5)
Polk County, Iowa	765	91.5	1.4	(88.7–94.2)
Johnson County, Kansas	1,416	93.0	1.1	(90.8–95.1)
Sedgwick County, Kansas	1,435	87.6	1.4	(84.8–90.3)
Shawnee County, Kansas	624	88.0	2.2	(83.6–92.3)
Wyandotte County, Kansas	607	72.9	3.1	(66.8–78.9)
Jefferson County, Kentucky	410	84.4	2.6	(79.3–89.4)
Caddo Parish, Louisiana	446	79.0	2.9	(73.3–84.6)
East Baton Rouge Parish, Louisiana	722	81.9	2.3	(77.3–86.4)
Jefferson Parish, Louisiana	595	80.3	2.3	(75.7–84.8)
Orleans Parish, Louisiana	377	82.3	2.9	(76.6–87.9)
St. Tammany Parish, Louisiana	372	82.7	3.8	(75.2–90.1)
Androscoggin County, Maine	500	88.8	2.0	(84.8–92.7)
Cumberland County, Maine	1,385	91.1	1.5	(88.1–94.0)
Kennebec County, Maine	652	88.6	2.0	(84.6–92.5)
Penobscot County, Maine	687	89.8	1.5	(86.8–92.7)
Sagadahoc County, Maine	299	88.3	2.5	(83.4–93.2)
York County, Maine	942	90.1	1.4	(87.3–92.8)
Anne Arundel County, Maryland	601	91.4	1.9	(87.6–95.1)
Baltimore County, Maryland	1,052	91.2	1.4	(88.4–93.9)
Cecil County, Maryland	270	90.1	2.4	(85.3–94.8)
Charles County, Maryland	349	92.8	1.8	(89.2–96.3)
Frederick County, Maryland	577	91.0	1.9	(87.2–94.7)
Harford County, Maryland	280	93.5	1.8	(89.9–97.0)
Howard County, Maryland	341	95.1	1.7	(91.7–98.4)
Montgomery County, Maryland	1,063	89.4	1.7	(86.0–92.7)
Prince George's County, Maryland	790	87.8	1.9	(84.0–91.5)
Queen Anne's County, Maryland	294	95.6	1.7	(92.2–98.9)
Washington County, Maryland	407	83.4	3.0	(77.5–89.2)

See footnotes on page 36.

**TABLE 6. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who have health care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	533	84.2	2.4	(79.4–88.9)
Bristol County, Massachusetts	2,928	94.7	1.1	(92.5–96.8)
Essex County, Massachusetts	2,134	94.0	1.4	(91.2–96.7)
Hampden County, Massachusetts	1,591	92.5	2.0	(88.5–96.4)
Hampshire County, Massachusetts	275	95.6	2.5	(90.3–100.0)
Middlesex County, Massachusetts	3,023	96.8	0.7	(95.4–98.1)
Norfolk County, Massachusetts	860	97.2	0.7	(95.8–98.5)
Plymouth County, Massachusetts	687	95.8	1.6	(92.6–98.9)
Suffolk County, Massachusetts	1,760	93.8	1.2	(91.4–96.1)
Worcester County, Massachusetts	2,098	95.9	0.7	(94.5–97.2)
Kent County, Michigan	444	90.6	2.1	(86.4–94.7)
Macomb County, Michigan	515	89.9	2.2	(85.5–94.2)
Oakland County, Michigan	933	88.5	1.7	(85.1–91.8)
Wayne County, Michigan	1,909	82.0	1.8	(78.4–85.5)
Anoka County, Minnesota	395	93.5	1.7	(90.1–96.8)
Dakota County, Minnesota	571	95.7	1.2	(93.3–98.0)
Hennepin County, Minnesota	2,053	91.9	1.5	(88.9–94.8)
Ramsey County, Minnesota	917	92.3	2.2	(87.9–96.6)
Washington County, Minnesota	258	95.4	1.9	(91.6–99.1)
DeSoto County, Mississippi	370	83.3	3.3	(76.8–89.7)
Hinds County, Mississippi	338	79.2	3.2	(72.9–85.4)
Jackson County, Missouri	524	86.3	2.1	(82.1–90.4)
St. Louis County, Missouri	601	88.7	2.3	(84.1–93.2)
St. Louis city, Missouri	647	78.0	4.1	(69.9–86.0)
Flathead County, Montana	698	81.1	2.0	(77.1–85.0)
Lewis and Clark County, Montana	533	90.0	1.9	(86.2–93.7)
Yellowstone County, Montana	483	86.0	2.3	(81.4–90.5)
Adams County, Nebraska	480	91.1	1.9	(87.3–94.8)
Dakota County, Nebraska	741	77.5	2.3	(72.9–82.0)
Douglas County, Nebraska	951	86.7	1.9	(82.9–90.4)
Hall County, Nebraska	585	83.0	2.6	(77.9–88.0)
Lancaster County, Nebraska	847	86.4	2.3	(81.8–90.9)
Lincoln County, Nebraska	545	90.2	2.0	(86.2–94.1)
Madison County, Nebraska	467	90.1	2.3	(85.5–94.6)
Sarpy County, Nebraska	575	85.6	2.8	(80.1–91.0)
Scotts Bluff County, Nebraska	736	88.5	1.8	(84.9–92.0)
Seward County, Nebraska	285	93.5	2.1	(89.3–97.6)
Clark County, Nevada	1,270	80.3	1.8	(76.7–83.8)
Washoe County, Nevada	1,306	82.6	1.5	(79.6–85.5)
Grafton County, New Hampshire	516	85.1	2.5	(80.2–90.0)
Hillsborough County, New Hampshire	1,421	90.1	1.3	(87.5–92.6)
Merrimack County, New Hampshire	640	88.2	2.2	(83.8–92.5)
Rockingham County, New Hampshire	1,020	92.4	1.1	(90.2–94.5)
Strafford County, New Hampshire	586	87.9	1.9	(84.1–91.6)
Atlantic County, New Jersey	921	87.6	1.6	(84.4–90.7)
Bergen County, New Jersey	625	90.2	1.8	(86.6–93.7)
Burlington County, New Jersey	568	96.8	0.7	(95.4–98.1)
Camden County, New Jersey	603	88.8	2.3	(84.2–93.3)
Cape May County, New Jersey	519	88.2	2.4	(83.4–92.9)
Essex County, New Jersey	1,022	80.9	1.9	(77.1–84.6)
Gloucester County, New Jersey	526	91.1	2.2	(86.7–95.4)
Hudson County, New Jersey	1,098	80.5	1.7	(77.1–83.8)
Hunterdon County, New Jersey	514	96.0	1.1	(93.8–98.1)
Mercer County, New Jersey	503	93.8	1.6	(90.6–96.9)
Middlesex County, New Jersey	632	89.5	1.8	(85.9–93.0)
Monmouth County, New Jersey	563	93.5	1.7	(90.1–96.8)
Morris County, New Jersey	699	94.4	1.3	(91.8–96.9)
Ocean County, New Jersey	532	89.6	1.9	(85.8–93.3)
Passaic County, New Jersey	502	79.8	2.8	(74.3–85.2)
Somerset County, New Jersey	536	91.4	1.6	(88.2–94.5)
Sussex County, New Jersey	500	93.3	1.5	(90.3–96.2)
Union County, New Jersey	522	84.8	2.4	(80.0–89.5)
Warren County, New Jersey	481	93.8	1.4	(91.0–96.5)

See footnotes on page 36.

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**TABLE 6. (Continued) Estimated prevalence of adults aged ≥18 years who have health care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,262	86.4	1.8	(82.8–89.9)
Dona Ana County, New Mexico	503	72.9	3.5	(66.0–79.7)
Sandoval County, New Mexico	517	85.4	2.6	(80.3–90.4)
San Juan County, New Mexico	684	74.5	2.7	(69.2–79.7)
Santa Fe County, New Mexico	609	79.3	2.6	(74.2–84.3)
Valencia County, New Mexico	348	77.6	3.6	(70.5–84.6)
Bronx County, New York	435	81.2	3.0	(75.3–87.0)
Erie County, New York	479	93.7	1.6	(90.5–96.8)
Kings County, New York	907	85.0	1.8	(81.4–88.5)
Monroe County, New York	381	92.2	2.7	(86.9–97.4)
Nassau County, New York	477	92.9	1.6	(89.7–96.0)
New York County, New York	1,034	87.5	1.8	(83.9–91.0)
Queens County, New York	792	87.3	2.0	(83.3–91.2)
Suffolk County, New York	594	89.5	2.0	(85.5–93.4)
Westchester County, New York	384	93.0	1.8	(89.4–96.5)
Buncombe County, North Carolina	263	79.3	3.5	(72.4–86.1)
Cabarrus County, North Carolina	307	82.8	3.2	(76.5–89.0)
Catawba County, North Carolina	294	79.0	3.5	(72.1–85.8)
Durham County, North Carolina	620	86.0	2.4	(81.2–90.7)
Gaston County, North Carolina	267	74.6	4.5	(65.7–83.4)
Guilford County, North Carolina	692	87.4	2.1	(83.2–91.5)
Johnston County, North Carolina	275	80.4	3.4	(73.7–87.0)
Mecklenburg County, North Carolina	609	84.6	2.3	(80.0–89.1)
Orange County, North Carolina	299	87.9	2.7	(82.6–93.1)
Randolph County, North Carolina	396	81.4	2.9	(75.7–87.0)
Union County, North Carolina	349	81.9	3.4	(75.2–88.5)
Wake County, North Carolina	710	87.3	2.2	(82.9–91.6)
Burleigh County, North Dakota	559	92.7	1.6	(89.5–95.8)
Cass County, North Dakota	777	91.3	2.3	(86.7–95.8)
Ward County, North Dakota	462	91.5	1.7	(88.1–94.8)
Cuyahoga County, Ohio	718	86.6	2.1	(82.4–90.7)
Franklin County, Ohio	677	89.9	2.1	(85.7–94.0)
Hamilton County, Ohio	722	89.7	1.7	(86.3–93.0)
Lucas County, Ohio	729	84.9	2.1	(80.7–89.0)
Mahoning County, Ohio	730	90.1	1.7	(86.7–93.4)
Montgomery County, Ohio	703	88.1	1.9	(84.3–91.8)
Stark County, Ohio	715	84.9	2.5	(80.0–89.8)
Summit County, Ohio	705	86.4	2.1	(82.2–90.5)
Cleveland County, Oklahoma	433	87.9	2.3	(83.3–92.4)
Oklahoma County, Oklahoma	1,438	76.0	1.7	(72.6–79.3)
Tulsa County, Oklahoma	1,516	79.8	1.4	(77.0–82.5)
Clackamas County, Oregon	450	88.3	2.4	(83.5–93.0)
Lane County, Oregon	510	79.1	3.4	(72.4–85.7)
Multnomah County, Oregon	817	87.2	2.2	(82.8–91.5)
Washington County, Oregon	583	86.6	2.5	(81.7–91.5)
Allegheny County, Pennsylvania	1,379	90.7	1.3	(88.1–93.2)
Lehigh County, Pennsylvania	283	90.5	2.1	(86.3–94.6)
Luzerne County, Pennsylvania	312	85.6	3.3	(79.1–92.0)
Montgomery County, Pennsylvania	347	87.5	3.0	(81.6–93.3)
Northampton County, Pennsylvania	260	88.7	3.9	(81.0–96.3)
Philadelphia County, Pennsylvania	1,401	84.5	1.6	(81.3–87.6)
Westmoreland County, Pennsylvania	337	89.0	2.7	(83.7–94.2)
Bristol County, Rhode Island	278	92.9	2.0	(88.9–96.8)
Kent County, Rhode Island	939	89.9	1.6	(86.7–93.0)
Newport County, Rhode Island	487	92.7	2.4	(87.9–97.4)
Providence County, Rhode Island	4,138	85.3	1.1	(83.1–87.4)
Washington County, Rhode Island	747	90.5	2.0	(86.5–94.4)
Aiken County, South Carolina	473	87.9	2.2	(83.5–92.2)
Beaufort County, South Carolina	681	89.9	2.0	(85.9–93.8)
Berkeley County, South Carolina	358	NA	NA	NA
Charleston County, South Carolina	668	84.8	2.7	(79.5–90.0)
Greenville County, South Carolina	495	87.2	2.8	(81.7–92.6)
Horry County, South Carolina	555	77.0	3.0	(71.1–82.8)

See footnotes on page 36.

Surveillance Summaries

**TABLE 6. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who have health care coverage,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	660	81.3	3.5	(74.4–88.1)
Minnehaha County, South Dakota	605	93.4	1.6	(90.2–96.5)
Pennington County, South Dakota	666	87.4	1.9	(83.6–91.1)
Davidson County, Tennessee	418	84.5	2.7	(79.2–89.7)
Hamilton County, Tennessee	386	82.5	3.3	(76.0–88.9)
Knox County, Tennessee	370	87.3	2.7	(82.0–92.5)
Shelby County, Tennessee	394	88.3	3.2	(82.0–94.5)
Sullivan County, Tennessee	461	86.9	2.6	(81.8–91.9)
Bexar County, Texas	970	85.3	1.6	(82.1–88.4)
Dallas County, Texas	392	75.0	3.7	(67.7–82.2)
El Paso County, Texas	869	62.5	2.4	(57.7–67.2)
Fort Bend County, Texas	925	86.4	1.6	(83.2–89.5)
Harris County, Texas	1,455	74.3	1.8	(70.7–77.8)
Hidalgo County, Texas	595	45.7	2.8	(40.2–51.1)
Lubbock County, Texas	752	77.3	2.8	(71.8–82.7)
Midland County, Texas	524	84.5	2.4	(79.7–89.2)
Potter County, Texas	337	78.6	3.2	(72.3–84.8)
Randall County, Texas	459	86.1	2.4	(81.3–90.8)
Smith County, Texas	673	76.3	3.3	(69.8–82.7)
Tarrant County, Texas	602	81.7	2.6	(76.6–86.7)
Travis County, Texas	762	88.0	2.5	(83.1–92.9)
Val Verde County, Texas	556	74.7	3.4	(68.0–81.3)
Webb County, Texas	924	51.2	2.2	(46.8–55.5)
Wichita County, Texas	677	76.7	2.9	(71.0–82.3)
Davis County, Utah	878	87.7	2.1	(83.5–91.8)
Salt Lake County, Utah	3,283	82.9	1.0	(80.9–84.8)
Summit County, Utah	453	84.4	2.9	(78.7–90.0)
Tooele County, Utah	563	84.9	2.2	(80.5–89.2)
Utah County, Utah	1,110	85.3	1.8	(81.7–88.8)
Weber County, Utah	773	86.6	2.2	(82.2–90.9)
Chittenden County, Vermont	1,427	94.4	1.0	(92.4–96.3)
Franklin County, Vermont	486	93.5	1.2	(91.1–95.8)
Orange County, Vermont	357	90.1	2.2	(85.7–94.4)
Rutland County, Vermont	659	88.3	2.2	(83.9–92.6)
Washington County, Vermont	671	92.0	1.8	(88.4–95.5)
Windsor County, Vermont	678	88.6	1.8	(85.0–92.1)
Benton County, Washington	390	90.2	2.0	(86.2–94.1)
Clark County, Washington	1,090	84.8	2.0	(80.8–88.7)
Franklin County, Washington	255	69.3	4.4	(60.6–77.9)
King County, Washington	3,039	86.8	1.1	(84.6–88.9)
Kitsap County, Washington	922	88.4	1.8	(84.8–91.9)
Pierce County, Washington	1,719	87.9	1.2	(85.5–90.2)
Snohomish County, Washington	1,652	85.0	1.4	(82.2–87.7)
Spokane County, Washington	1,212	86.0	1.7	(82.6–89.3)
Thurston County, Washington	773	85.7	2.2	(81.3–90.0)
Yakima County, Washington	737	78.1	2.4	(73.3–82.8)
Kanawha County, West Virginia	489	87.6	2.5	(82.7–92.5)
Milwaukee County, Wisconsin	1,213	87.9	2.1	(83.7–92.0)
Laramie County, Wyoming	912	85.9	1.7	(82.5–89.2)
Natrona County, Wyoming	766	81.8	2.2	(77.4–86.1)
Median		87.2		
Range		45.7–97.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Includes health insurance, prepaid plans (e.g., health maintenance organizations), or government plans (e.g., Medicare).

† Estimate not available (NA) if the unweighted sample size for the denominator was  $<50$  or if the confidence interval half width is  $>10$ .

**TABLE 7. Estimated prevalence of adults aged  $\geq 18$  years who have had a dental visit during the preceding 12 months, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,553	64.7	0.8	(63.1–66.3)
Alaska	1,947	69.4	1.6	(66.2–72.6)
Arizona	5,739	69.5	1.1	(67.2–71.7)
Arkansas	4,007	61.1	1.3	(58.6–63.6)
California	17,773	69.6	0.5	(68.6–70.6)
Colorado	11,586	68.0	0.7	(66.6–69.4)
Connecticut	6,755	81.6	0.8	(80.0–83.1)
Delaware	4,235	74.2	1.0	(72.3–76.1)
District of Columbia	3,962	75.3	1.0	(73.4–77.2)
Florida	34,979	66.4	0.6	(65.2–67.6)
Georgia	5,755	70.2	0.9	(68.4–71.9)
Hawaii	6,542	72.6	0.9	(70.9–74.3)
Idaho	6,991	69.3	0.8	(67.7–70.9)
Illinois	5,199	69.7	0.9	(67.8–71.5)
Indiana	10,173	68.8	0.7	(67.4–70.2)
Iowa	6,074	76.0	0.8	(74.4–77.6)
Kansas	8,510	72.9	0.7	(71.5–74.2)
Kentucky	8,005	63.2	1.0	(61.3–65.1)
Louisiana	6,979	63.9	0.8	(62.3–65.6)
Maine	8,107	68.7	0.7	(67.3–70.1)
Maryland	9,129	75.5	0.7	(74.1–76.9)
Massachusetts	16,228	81.7	0.5	(80.7–82.7)
Michigan	8,839	72.5	0.7	(71.1–73.9)
Minnesota	8,922	78.9	0.8	(77.2–80.5)
Mississippi	8,043	58.1	0.9	(56.4–59.8)
Missouri	5,416	64.3	1.1	(62.2–66.4)
Montana	7,281	61.1	1.0	(59.1–63.0)
Nebraska	16,331	69.5	0.8	(67.9–71.1)
Nevada	3,901	67.2	1.4	(64.6–69.9)
New Hampshire	6,026	76.7	0.8	(75.2–78.2)
New Jersey	12,361	76.0	0.6	(74.9–77.2)
New Mexico	6,960	67.2	0.9	(65.4–68.9)
New York	8,920	72.5	0.7	(71.2–73.8)
North Carolina	12,073	68.4	0.7	(67.0–69.8)
North Dakota	4,747	72.6	0.9	(70.8–74.5)
Ohio	9,809	71.5	0.7	(70.1–72.9)
Oklahoma	7,710	57.2	0.8	(55.6–58.7)
Oregon	5,035	70.4	1.0	(68.5–72.3)
Pennsylvania	11,187	72.3	0.6	(71.1–73.5)
Rhode Island	6,577	78.1	0.8	(76.5–79.7)
South Carolina	9,355	63.4	1.0	(61.5–65.3)
South Dakota	6,710	73.5	0.8	(71.9–75.2)
Tennessee	5,727	66.3	1.1	(64.2–68.4)
Texas	17,988	61.7	0.8	(60.2–63.2)
Utah	10,126	74.3	0.7	(73.0–75.6)
Vermont	6,773	75.6	0.7	(74.1–77.0)
Virginia	5,362	78.4	1.0	(76.5–80.3)
Washington	19,564	72.1	0.5	(71.1–73.1)
West Virginia	4,356	60.5	1.0	(58.6–62.4)
Wisconsin	4,767	75.1	1.0	(73.0–77.1)
Wyoming	5,828	69.0	0.9	(67.2–70.7)
Guam	780	61.2	2.2	(56.9–65.4)
Puerto Rico	3,504	69.8	1.0	(67.8–71.9)
Virgin Islands	1,808	57.7	1.6	(54.6–60.8)
Median		69.7		
Range		57.2–81.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 8. Estimated prevalence of adults aged  $\geq 18$  years who have had a dental visit during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	809	75.6	2.2	(71.2–79.9)
Albuquerque, New Mexico	2,192	70.4	1.6	(67.2–73.5)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,083	73.9	2.0	(69.9–77.8)
Amarillo, Texas	826	64.2	2.5	(59.3–69.1)
Arcadia, Florida	500	47.1	4.2	(38.8–55.3)
Asheville, North Carolina	547	68.5	2.8	(63.0–73.9)
Atlanta-Sandy Springs-Marietta, Georgia	2,340	70.6	1.6	(67.4–73.7)
Atlantic City, New Jersey	916	71.4	2.1	(67.2–75.5)
Augusta-Richmond County, Georgia-South Carolina	866	67.9	2.5	(63.0–72.8)
Augusta-Waterville, Maine	651	65.9	2.6	(60.8–70.9)
Austin-Round Rock, Texas	970	69.0	3.3	(62.5–75.4)
Baltimore-Towson, Maryland	3,323	74.6	1.1	(72.4–76.7)
Bangor, Maine	690	67.6	2.4	(62.8–72.3)
Barre, Vermont	668	80.7	1.9	(76.9–84.4)
Baton Rouge, Louisiana	1,196	68.7	1.8	(65.1–72.2)
Bethesda-Gaithersburg-Frederick, Maryland*	1,640	81.6	1.3	(79.0–84.1)
Billings, Montana	536	66.3	2.8	(60.8–71.7)
Birmingham-Hoover, Alabama	1,181	66.4	1.9	(62.6–70.1)
Bismarck, North Dakota	770	73.2	2.1	(69.0–77.3)
Boise City-Nampa, Idaho	1,661	70.1	1.7	(66.7–73.4)
Boston-Quincy, Massachusetts*	3,293	81.7	1.2	(79.3–84.0)
Bremerton-Silverdale, Washington	923	73.6	2.0	(69.6–77.5)
Bridgeport-Stamford-Norwalk, Connecticut	2,178	83.1	1.5	(80.1–86.0)
Buffalo-Cheektowaga-Tonawanda, New York	607	77.2	2.5	(72.3–82.1)
Burlington-South Burlington, Vermont	1,994	81.8	1.1	(79.6–83.9)
Cambridge-Newton-Framingham, Massachusetts*	3,015	82.6	1.3	(80.0–85.1)
Camden, New Jersey*	1,694	73.9	1.5	(70.9–76.8)
Canton-Massillon, Ohio	745	68.0	2.5	(63.1–72.9)
Cape Coral-Fort Myers, Florida	517	67.3	3.1	(61.2–73.3)
Casper, Wyoming	765	68.8	2.3	(64.2–73.3)
Cedar Rapids, Iowa	556	81.1	2.3	(76.5–85.6)
Charleston, West Virginia	757	62.7	2.4	(57.9–67.4)
Charleston-North Charleston, South Carolina	1,145	68.5	2.6	(63.4–73.5)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,699	70.8	1.7	(67.4–74.1)
Chattanooga, Tennessee-Georgia	535	67.8	3.3	(61.3–74.2)
Cheyenne, Wyoming	910	72.5	2.0	(68.5–76.4)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	5,012	70.0	1.1	(67.8–72.1)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,791	71.8	1.8	(68.2–75.3)
Cleveland-Elyria-Mentor, Ohio	1,102	74.8	1.9	(71.0–78.5)
Coeur d'Alene, Idaho	569	69.7	2.7	(64.4–74.9)
Colorado Springs, Colorado	1,161	69.8	1.9	(66.0–73.5)
Columbia, South Carolina	1,132	64.6	2.5	(59.7–69.5)
Columbus, Ohio	1,380	74.4	1.8	(70.8–77.9)
Concord, New Hampshire	640	80.0	2.3	(75.4–84.5)
Dallas-Plano-Irving, Texas*	720	59.1	2.9	(53.4–64.7)
Dayton, Ohio	850	72.7	2.5	(67.8–77.6)
Del Rio, Texas	553	56.4	5.1	(46.4–66.3)
Deltona-Daytona Beach-Ormond Beach, Florida	857	65.6	2.6	(60.5–70.6)
Denver-Aurora, Colorado	4,810	72.4	1.0	(70.4–74.3)
Des Moines-West Des Moines, Iowa	1,005	77.5	1.8	(73.9–81.0)
Detroit-Livonia-Dearborn, Michigan*	1,906	67.6	1.8	(64.0–71.1)
Dover, Delaware	1,249	67.1	2.0	(63.1–71.0)
Durham, North Carolina	1,032	69.9	2.4	(65.1–74.6)
Edison, New Jersey*	2,257	77.7	1.3	(75.1–80.2)
El Paso, Texas	869	55.9	2.4	(51.1–60.6)
Eugene-Springfield, Oregon	508	67.2	3.3	(60.7–73.6)
Evansville, Indiana-Kentucky	534	70.6	3.3	(64.1–77.0)
Fargo, North Dakota-Minnesota	832	83.5	3.2	(77.2–89.7)
Farmington, New Mexico	681	64.7	2.8	(59.2–70.1)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	700	62.8	3.1	(56.7–68.8)
Fort Collins-Loveland, Colorado	559	73.6	3.1	(67.5–79.6)
Fort Wayne, Indiana	719	74.5	2.2	(70.1–78.8)
Fort Worth-Arlington, Texas†	731	63.8	2.8	(58.3–69.2)

See footnotes on page 41.



**TABLE 8. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who have had a dental visit during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	948	64.1	3.4	(57.4–70.7)
Grand Island, Nebraska	861	65.6	2.4	(60.8–70.3)
Grand Rapids-Wyoming, Michigan	622	72.7	2.6	(67.6–77.7)
Greensboro-High Point, North Carolina	1,157	70.2	2.4	(65.4–74.9)
Greenville, South Carolina	779	67.1	3.0	(61.5–73.2)
Hagerstown-Martinsburg, Maryland-West Virginia	640	67.8	2.7	(62.5–73.0)
Hartford-West Hartford-East Hartford, Connecticut	2,012	81.9	1.5	(78.9–84.8)
Hastings, Nebraska	583	69.1	2.8	(63.6–74.5)
Helena, Montana	641	72.2	2.6	(67.1–77.2)
Hickory-Morganton-Lenoir, North Carolina	599	63.9	2.7	(58.6–69.1)
Hilo, Hawaii	1,479	64.8	1.8	(61.2–68.3)
Hilton Head Island-Beaufort, South Carolina	799	73.1	2.4	(68.3–77.8)
Homosassa Springs, Florida	532	59.2	3.0	(53.3–65.0)
Honolulu, Hawaii	2,957	74.3	1.2	(71.9–76.6)
Houston-Sugar Land-Baytown, Texas	2,729	64.5	1.7	(61.1–67.8)
Huntington-Ashland, West Virginia-Kentucky-Ohio	653	58.6	2.7	(53.3–63.8)
Idaho Falls, Idaho	665	75.1	2.3	(70.5–79.6)
Indianapolis-Carmel, Indiana	2,250	71.5	1.5	(68.5–74.4)
Jackson, Mississippi	754	65.2	2.4	(60.4–69.9)
Jacksonville, Florida	2,585	67.7	2.0	(63.7–71.6)
Kahului-Wailuku, Hawaii	1,461	74.5	1.8	(70.9–78.0)
Kalispell, Montana	698	54.3	2.5	(49.4–59.2)
Kansas City, Missouri-Kansas	3,367	71.9	1.3	(69.3–74.4)
Kapaa, Hawaii	645	66.9	2.9	(61.2–72.5)
Kennewick-Richland-Pasco, Washington	643	69.5	2.6	(64.4–74.5)
Key West-Marathon, Florida	505	71.6	3.0	(65.7–77.4)
Kingsport-Bristol, Tennessee-Virginia	648	69.0	3.0	(63.1–74.8)
Knoxville, Tennessee	526	67.4	3.5	(60.5–74.2)
Lake City, Florida	563	51.8	3.1	(45.7–57.8)
Lakeland-Winter Haven, Florida	521	52.5	3.1	(46.4–58.5)
Laredo, Texas	921	51.9	2.2	(47.5–56.2)
Las Cruces, New Mexico	499	67.0	3.4	(60.3–73.6)
Las Vegas-Paradise, Nevada	1,263	67.2	1.8	(63.6–70.7)
Lebanon, New Hampshire-Vermont	1,554	71.3	1.7	(67.9–74.6)
Lewiston, Idaho-Washington	602	68.2	2.6	(63.1–73.2)
Lewiston-Auburn, Maine	501	61.9	2.9	(56.2–67.5)
Lincoln, Nebraska	1,132	74.6	2.3	(70.0–79.1)
Little Rock-North Little Rock, Arkansas	818	71.2	2.6	(66.1–76.2)
Los Angeles-Long Beach-Glendale, California*	2,617	65.1	1.3	(62.5–67.6)
Louisville, Kentucky-Indiana	904	66.9	2.3	(62.3–71.4)
Lubbock, Texas	780	59.4	3.0	(53.5–65.2)
Manchester-Nashua, New Hampshire	1,414	78.3	1.6	(75.1–81.4)
McAllen-Edinburg-Mission, Texas	594	48.2	2.8	(42.7–53.6)
Memphis, Tennessee-Mississippi-Arkansas	1,154	65.0	2.8	(59.5–70.4)
Miami-Fort Lauderdale-Miami Beach, Florida	1,028	63.7	2.3	(59.1–68.2)
Midland, Texas	522	66.8	2.9	(61.1–72.4)
Milwaukee-Waukesha-West Allis, Wisconsin	1,528	79.2	1.9	(75.4–82.9)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,848	81.1	1.1	(78.9–83.2)
Minot, North Dakota	555	75.6	2.2	(71.2–79.9)
Mobile, Alabama	678	61.2	2.9	(55.5–66.8)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	551	62.4	3.0	(56.5–68.2)
Naples-Marco Island, Florida	520	72.5	3.5	(65.6–79.3)
Nashville-Davidson-Murfreesboro, Tennessee	830	70.6	2.6	(65.5–75.6)
Nassau-Suffolk, New York*	1,071	74.0	1.9	(70.2–77.7)
Newark-Union, New Jersey-Pennsylvania*	3,315	78.6	1.1	(76.4–80.7)
New Haven-Milford, Connecticut	1,673	80.1	1.6	(76.9–83.2)
New Orleans-Metairie-Kenner, Louisiana	1,527	66.1	1.8	(62.5–69.6)
New York-White Plains-Wayne, New York-New Jersey*	6,177	72.6	0.9	(70.8–74.3)
Norfolk, Nebraska	674	65.1	2.7	(59.8–70.3)
North Platte, Nebraska	575	66.5	2.9	(60.8–72.1)
North Port-Bradenton-Sarasota, Florida	1,133	70.3	2.2	(65.9–74.6)
Ocala, Florida	589	57.9	2.9	(52.2–63.5)
Ocean City, New Jersey	516	77.9	2.5	(73.0–82.8)

See footnotes on page 41.

**TABLE 8. (Continued) Estimated prevalence of adults aged ≥18 years who have had a dental visit during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,695	75.2	1.6	(72.0–78.3)
Oklahoma City, Oklahoma	2,465	61.6	1.3	(59.0–64.1)
Olympia, Washington	775	72.4	2.3	(67.8–76.9)
Omaha-Council Bluffs, Nebraska-Iowa	2,353	71.8	1.4	(69.0–74.5)
Orlando-Kissimmee, Florida	2,667	64.5	1.5	(61.5–67.4)
Palm Bay-Melbourne-Titusville, Florida	527	62.6	3.2	(56.3–68.8)
Panama City-Lynn Haven, Florida	544	68.8	3.4	(62.1–75.4)
Peabody, Massachusetts	2,131	81.8	1.6	(78.6–84.9)
Pensacola-Ferry Pass-Brent, Florida	1,012	57.0	2.4	(52.2–61.7)
Philadelphia, Pennsylvania†	2,365	73.8	1.5	(70.8–76.7)
Phoenix-Mesa-Scottsdale, Arizona	1,682	70.0	1.8	(66.4–73.5)
Pittsburgh, Pennsylvania	2,415	72.9	1.3	(70.3–75.4)
Portland-South Portland-Biddeford, Maine	2,626	74.6	1.2	(72.2–76.9)
Portland-Vancouver-Beaverton, Oregon-Washington	3,396	74.9	1.2	(72.5–77.2)
Port St. Lucie-Fort Pierce, Florida	1,023	64.7	2.4	(59.9–69.4)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,487	78.7	0.7	(77.3–80.0)
Provo-Orem, Utah	1,173	77.3	1.8	(73.7–80.8)
Raleigh-Cary, North Carolina	1,026	75.7	1.9	(71.9–79.4)
Rapid City, South Dakota	848	73.2	2.0	(69.2–77.1)
Reno-Sparks, Nevada	1,325	72.6	1.6	(69.4–75.7)
Richmond, Virginia	799	77.2	2.5	(72.3–82.1)
Riverside-San Bernardino-Ontario, California	1,879	66.0	1.6	(62.8–69.1)
Rochester, New York	568	73.0	2.9	(67.3–78.6)
Rockingham County-Strafford County, New Hampshire*	1,606	78.4	1.5	(75.4–81.3)
Rutland, Vermont	657	73.0	2.4	(68.2–77.7)
Sacramento-Arden-Arcade-Roseville, California	1,293	74.1	2.0	(70.1–78.0)
St. Louis, Missouri-Illinois	1,747	70.6	1.8	(67.0–74.1)
Salt Lake City, Utah	4,298	72.7	1.0	(70.7–74.6)
San Antonio, Texas	1,124	68.6	2.1	(64.4–72.7)
San Diego-Carlsbad-San Marcos, California	1,695	74.1	1.5	(71.1–77.0)
San Francisco-Oakland-Fremont, California	2,357	76.0	1.2	(73.6–78.3)
San Jose-Sunnyvale-Santa Clara, California	913	79.2	2.0	(75.2–83.1)
Santa Ana-Anaheim-Irvine, California*	1,446	72.2	1.7	(68.8–75.5)
Santa Fe, New Mexico	609	69.2	2.9	(63.5–74.8)
Scottsbluff, Nebraska	759	61.4	2.6	(56.3–66.4)
Scranton-Wilkes-Barre, Pennsylvania	552	69.9	2.7	(64.6–75.1)
Seaford, Delaware	1,238	69.0	2.0	(65.0–72.9)
Seattle-Bellevue-Everett, Washington*	4,684	76.0	0.9	(74.2–77.7)
Sebring, Florida	520	59.7	3.3	(53.2–66.1)
Shreveport-Bossier City, Louisiana	681	62.7	2.7	(57.4–67.9)
Sioux City, Iowa-Nebraska-South Dakota	1,219	71.7	2.7	(66.4–76.9)
Sioux Falls, South Dakota	838	79.7	1.8	(76.1–83.2)
Spokane, Washington	1,215	72.2	1.9	(68.4–75.9)
Springfield, Massachusetts	2,043	80.1	1.9	(76.3–83.8)
Tacoma, Washington*	1,719	72.4	1.5	(69.4–75.3)
Tallahassee, Florida	2,041	65.4	2.5	(60.5–70.3)
Tampa-St. Petersburg-Clearwater, Florida	2,032	66.1	1.8	(62.5–69.6)
Toledo, Ohio	859	76.0	2.2	(71.6–80.3)
Topeka, Kansas	833	74.3	2.1	(70.1–78.4)
Trenton-Ewing, New Jersey	500	80.2	2.6	(75.1–85.2)
Tucson, Arizona	698	67.7	3.1	(61.6–73.7)
Tulsa, Oklahoma	2,141	56.6	1.5	(53.6–59.5)
Tuscaloosa, Alabama	514	60.8	3.4	(54.1–67.4)
Twin Falls, Idaho	537	69.0	2.8	(63.5–74.4)
Tyler, Texas	670	67.4	2.9	(61.7–73.0)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,096	75.4	2.3	(70.8–79.9)
Warren-Troy-Farmington Hills, Michigan*	1,797	79.4	1.4	(76.6–82.1)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	6,427	80.9	1.2	(78.5–83.2)
Wauchula, Florida	526	53.8	3.9	(46.1–61.4)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	551	74.0	3.0	(68.1–79.8)
Wichita, Kansas	1,846	75.4	1.4	(72.6–78.1)
Wichita Falls, Texas	829	65.2	2.8	(59.7–70.6)
Wilmington, Delaware-Maryland-New Jersey*	2,208	75.8	1.2	(73.4–78.1)

See footnotes on page 41.

**TABLE 8. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who have had a dental visit during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	2,094	80.4	1.6	(77.2–83.5)
Yakima, Washington	739	69.3	2.4	(64.5–74.0)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,058	67.8	2.8	(62.3–73.2)
Median		70.2		
Range		47.1–83.5		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 9. Estimated prevalence of adults aged  $\geq 18$  years who have had a dental visit during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	592	66.8	2.6	(61.7–71.8)
Mobile County, Alabama	678	61.2	2.9	(55.5–66.8)
Tuscaloosa County, Alabama	432	61.3	3.7	(54.0–68.5)
Maricopa County, Arizona	1,300	69.8	2.0	(65.8–73.7)
Pima County, Arizona	698	67.7	3.1	(61.6–73.7)
Pinal County, Arizona	382	71.1	3.6	(64.0–78.1)
Benton County, Arkansas	361	69.8	3.5	(62.9–76.6)
Pulaski County, Arkansas	557	75.6	3.1	(69.5–81.6)
Washington County, Arkansas	298	66.9	4.3	(58.4–75.3)
Alameda County, California	757	75.2	2.1	(71.0–79.3)
Contra Costa County, California	632	78.1	2.3	(73.5–82.6)
Los Angeles County, California	2,617	65.1	1.3	(62.5–67.6)
Orange County, California	1,446	72.2	1.7	(68.8–75.5)
Placer County, California	254	81.8	3.3	(75.3–88.2)
Riverside County, California	932	67.1	2.1	(62.9–71.2)
Sacramento County, California	752	73.5	2.2	(69.1–77.8)
San Bernardino County, California	947	65.1	2.3	(60.5–69.6)
San Diego County, California	1,695	74.1	1.5	(71.1–77.0)
San Francisco County, California	386	76.5	2.8	(71.0–81.9)
San Mateo County, California	384	77.3	3.0	(71.4–83.1)
Santa Clara County, California	875	80.4	1.9	(76.6–84.1)
Adams County, Colorado	803	63.7	2.5	(58.8–68.6)
Arapahoe County, Colorado	869	77.1	1.7	(73.7–80.4)
Denver County, Colorado	870	70.9	2.2	(66.5–75.2)
Douglas County, Colorado	576	78.6	2.6	(73.5–83.6)
El Paso County, Colorado	1,029	69.9	2.0	(65.9–73.8)
Jefferson County, Colorado	1,168	72.8	2.0	(68.8–76.7)
Larimer County, Colorado	559	73.6	3.1	(67.5–79.6)
Fairfield County, Connecticut	2,178	83.1	1.5	(80.1–86.0)
Hartford County, Connecticut	1,496	81.1	1.7	(77.7–84.4)
Middlesex County, Connecticut	262	88.2	2.5	(83.3–93.1)
New Haven County, Connecticut	1,673	80.1	1.6	(76.9–83.2)
Tolland County, Connecticut	254	83.2	3.3	(76.7–89.6)
Kent County, Delaware	1,249	67.1	2.0	(63.1–71.0)
New Castle County, Delaware	1,748	78.3	1.3	(75.7–80.8)
Sussex County, Delaware	1,238	69.0	2.0	(65.0–72.9)
District of Columbia, District of Columbia	3,962	74.1	1.2	(71.7–76.4)
Alachua County, Florida	534	66.0	3.4	(59.3–72.6)
Baker County, Florida	509	58.9	4.8	(49.4–68.3)
Bay County, Florida	544	68.8	3.4	(62.1–75.4)
Brevard County, Florida	527	62.6	3.2	(56.3–68.8)
Broward County, Florida	524	64.9	2.9	(59.2–70.5)
Citrus County, Florida	532	59.2	3.0	(53.3–65.0)
Clay County, Florida	486	71.5	2.7	(66.2–76.7)
Collier County, Florida	520	72.5	3.5	(65.6–79.3)
Columbia County, Florida	563	51.8	3.1	(45.7–57.8)
DeSoto County, Florida	500	47.1	4.2	(38.8–55.3)
Duval County, Florida	548	66.3	2.8	(60.8–71.7)
Escambia County, Florida	519	52.0	3.4	(45.3–58.6)
Gadsden County, Florida	506	51.6	3.6	(44.5–58.6)
Gilchrist County, Florida	414	NA*	NA	NA
Hardee County, Florida	526	53.8	3.9	(46.1–61.4)
Hernando County, Florida	489	62.2	3.0	(56.3–68.0)
Highlands County, Florida	520	59.7	3.3	(53.2–66.1)
Hillsborough County, Florida	505	65.0	3.1	(58.9–71.0)
Jefferson County, Florida	502	53.5	4.0	(45.6–61.3)
Lake County, Florida	604	68.6	2.6	(63.5–73.6)
Lee County, Florida	517	67.3	3.1	(61.2–73.3)
Leon County, Florida	496	72.5	3.1	(66.4–78.5)
Manatee County, Florida	525	64.2	3.3	(57.7–70.6)
Marion County, Florida	589	57.9	2.9	(52.2–63.5)
Martin County, Florida	521	71.8	2.8	(66.3–77.2)
Miami-Dade County, Florida	504	66.8	3.0	(60.9–72.6)

See footnotes on page 46.

**TABLE 9. (Continued) Estimated prevalence of adults aged ≥18 years who have had a dental visit during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	505	71.6	3.0	(65.7–77.4)
Nassau County, Florida	521	68.1	3.8	(60.6–75.5)
Orange County, Florida	1,004	64.8	2.2	(60.4–69.1)
Osceola County, Florida	567	55.6	3.1	(49.5–61.6)
Palm Beach County, Florida	551	74.0	3.0	(68.1–79.8)
Pasco County, Florida	541	63.7	3.3	(57.2–70.1)
Pinellas County, Florida	497	70.0	3.1	(63.9–76.0)
Polk County, Florida	521	52.5	3.1	(46.4–58.5)
St. Johns County, Florida	521	78.1	2.6	(73.0–83.1)
St. Lucie County, Florida	502	62.4	3.0	(56.5–68.2)
Santa Rosa County, Florida	493	64.8	3.0	(58.9–70.6)
Sarasota County, Florida	608	74.4	2.8	(68.9–79.8)
Seminole County, Florida	492	67.0	3.0	(61.1–72.8)
Volusia County, Florida	857	65.6	2.6	(60.5–70.6)
Wakulla County, Florida	537	53.7	3.6	(46.6–60.7)
Cobb County, Georgia	253	78.1	3.3	(71.6–84.5)
DeKalb County, Georgia	339	76.9	3.2	(70.6–83.1)
Fulton County, Georgia	329	73.8	3.7	(66.5–81.0)
Gwinnett County, Georgia	251	76.7	3.3	(70.2–83.1)
Hawaii County, Hawaii	1,479	64.8	1.8	(61.2–68.3)
Honolulu County, Hawaii	2,957	74.3	1.2	(71.9–76.6)
Kauai County, Hawaii	645	66.9	2.9	(61.2–72.5)
Maui County, Hawaii	1,461	74.5	1.8	(70.9–78.0)
Ada County, Idaho	866	73.9	2.3	(69.3–78.4)
Bonneville County, Idaho	522	77.6	2.4	(72.8–82.3)
Canyon County, Idaho	618	66.0	2.6	(60.9–71.0)
Kootenai County, Idaho	569	69.7	2.7	(64.4–74.9)
Nez Perce County, Idaho	381	67.4	3.2	(61.1–73.6)
Twin Falls County, Idaho	432	71.5	2.9	(65.8–77.1)
Cook County, Illinois	2,885	67.7	1.3	(65.1–70.2)
DuPage County, Illinois	256	76.2	3.4	(69.5–82.8)
Allen County, Indiana	584	74.4	2.5	(69.5–79.3)
Lake County, Indiana	996	64.5	2.8	(59.0–69.9)
Marion County, Indiana	1,460	69.4	2.0	(65.4–73.3)
Linn County, Iowa	493	82.3	2.3	(77.7–86.8)
Polk County, Iowa	766	77.3	2.1	(73.1–81.4)
Johnson County, Kansas	1,413	84.1	1.3	(81.5–86.6)
Sedgwick County, Kansas	1,430	75.0	1.6	(71.8–78.1)
Shawnee County, Kansas	622	75.0	2.5	(70.1–79.9)
Wyandotte County, Kansas	599	56.9	3.1	(50.8–62.9)
Jefferson County, Kentucky	409	65.9	3.1	(59.8–71.9)
Caddo Parish, Louisiana	446	59.1	3.3	(52.6–65.5)
East Baton Rouge Parish, Louisiana	720	67.5	2.5	(62.6–72.4)
Jefferson Parish, Louisiana	593	67.0	2.7	(61.7–72.2)
Orleans Parish, Louisiana	373	60.6	3.5	(53.7–67.4)
St. Tammany Parish, Louisiana	370	67.2	3.7	(59.9–74.4)
Androscoggin County, Maine	501	61.9	2.9	(56.2–67.5)
Cumberland County, Maine	1,387	76.9	1.8	(73.3–80.4)
Kennebec County, Maine	651	65.9	2.6	(60.8–70.9)
Penobscot County, Maine	690	67.6	2.4	(62.8–72.3)
Sagadahoc County, Maine	298	68.2	3.3	(61.7–74.6)
York County, Maine	941	72.4	1.9	(68.6–76.1)
Anne Arundel County, Maryland	600	78.9	2.4	(74.1–83.6)
Baltimore County, Maryland	1,048	75.9	1.7	(72.5–79.2)
Cecil County, Maryland	267	73.3	3.3	(66.8–79.7)
Charles County, Maryland	347	75.5	3.2	(69.2–81.7)
Frederick County, Maryland	577	79.1	2.2	(74.7–83.4)
Harford County, Maryland	279	77.1	3.2	(70.8–83.3)
Howard County, Maryland	340	84.7	2.6	(79.6–89.7)
Montgomery County, Maryland	1,063	82.2	1.6	(79.0–85.3)
Prince George's County, Maryland	791	73.2	2.2	(68.8–77.5)
Queen Anne's County, Maryland	295	75.3	3.7	(68.0–82.5)
Washington County, Maryland	404	66.9	3.3	(60.4–73.3)

See footnotes on page 46.



**TABLE 9. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who have had a dental visit during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	528	62.5	3.1	(56.4–68.5)
Bristol County, Massachusetts	2,910	79.7	1.4	(76.9–82.4)
Essex County, Massachusetts	2,131	82.1	1.8	(78.5–85.6)
Hampden County, Massachusetts	1,587	79.8	2.2	(75.4–84.1)
Hampshire County, Massachusetts	274	81.0	3.8	(73.5–88.4)
Middlesex County, Massachusetts	3,015	81.8	1.5	(78.8–84.7)
Norfolk County, Massachusetts	857	83.2	1.9	(79.4–86.9)
Plymouth County, Massachusetts	682	83.7	2.1	(79.5–87.8)
Suffolk County, Massachusetts	1,754	81.2	1.6	(78.0–84.3)
Worcester County, Massachusetts	2,094	80.4	1.6	(77.2–83.5)
Kent County, Michigan	445	73.7	3.0	(67.8–79.5)
Macomb County, Michigan	515	81.2	2.2	(76.8–85.5)
Oakland County, Michigan	934	80.8	1.9	(77.0–84.5)
Wayne County, Michigan	1,906	67.6	1.8	(64.0–71.1)
Anoka County, Minnesota	397	82.2	2.7	(76.9–87.4)
Dakota County, Minnesota	570	84.4	2.3	(79.8–88.9)
Hennepin County, Minnesota	2,047	79.6	1.8	(76.0–83.1)
Ramsey County, Minnesota	914	78.9	3.1	(72.8–84.9)
Washington County, Minnesota	258	87.4	2.6	(82.3–92.4)
DeSoto County, Mississippi	368	68.8	3.6	(61.7–75.8)
Hinds County, Mississippi	334	60.2	3.8	(52.7–67.6)
Jackson County, Missouri	526	66.1	2.8	(60.6–71.5)
St. Louis County, Missouri	604	71.7	3.0	(65.8–77.5)
St. Louis city, Missouri	646	62.4	3.2	(56.1–68.6)
Flathead County, Montana	698	54.3	2.5	(49.4–59.2)
Lewis and Clark County, Montana	532	72.1	2.6	(67.0–77.1)
Yellowstone County, Montana	485	66.6	2.9	(60.9–72.2)
Adams County, Nebraska	475	73.0	2.8	(67.5–78.4)
Dakota County, Nebraska	739	63.1	2.4	(58.3–67.8)
Douglas County, Nebraska	951	72.3	2.1	(68.1–76.4)
Hall County, Nebraska	587	65.0	3.0	(59.1–70.8)
Lancaster County, Nebraska	848	74.7	2.5	(69.8–79.6)
Lincoln County, Nebraska	543	67.5	2.9	(61.8–73.1)
Madison County, Nebraska	466	67.4	3.3	(60.9–73.8)
Sarpy County, Nebraska	577	72.8	2.9	(67.1–78.4)
Scotts Bluff County, Nebraska	736	59.8	2.7	(54.5–65.0)
Seward County, Nebraska	284	71.5	3.5	(64.6–78.3)
Clark County, Nevada	1,263	67.2	1.8	(63.6–70.7)
Washoe County, Nevada	1,305	72.3	1.6	(69.1–75.4)
Grafton County, New Hampshire	516	71.5	3.0	(65.6–77.3)
Hillsborough County, New Hampshire	1,414	78.3	1.6	(75.1–81.4)
Merrimack County, New Hampshire	640	80.0	2.3	(75.4–84.5)
Rockingham County, New Hampshire	1,020	81.7	1.6	(78.5–84.8)
Strafford County, New Hampshire	586	70.9	2.7	(65.6–76.1)
Atlantic County, New Jersey	916	71.4	2.1	(67.2–75.5)
Bergen County, New Jersey	623	81.8	2.0	(77.8–85.7)
Burlington County, New Jersey	566	77.4	2.3	(72.8–81.9)
Camden County, New Jersey	602	70.1	2.8	(64.6–75.5)
Cape May County, New Jersey	516	77.9	2.5	(73.0–82.8)
Essex County, New Jersey	1,021	76.2	1.7	(72.8–79.5)
Gloucester County, New Jersey	526	76.4	2.5	(71.5–81.3)
Hudson County, New Jersey	1,089	69.1	1.9	(65.3–72.8)
Hunterdon County, New Jersey	515	85.7	2.1	(81.5–89.8)
Mercer County, New Jersey	500	80.2	2.6	(75.1–85.2)
Middlesex County, New Jersey	631	78.4	2.2	(74.0–82.7)
Monmouth County, New Jersey	560	81.0	2.2	(76.6–85.3)
Morris County, New Jersey	702	81.6	2.1	(77.4–85.7)
Ocean County, New Jersey	530	72.4	2.6	(67.3–77.4)
Passaic County, New Jersey	502	72.7	2.7	(67.4–77.9)
Somerset County, New Jersey	536	85.5	2.0	(81.5–89.4)
Sussex County, New Jersey	498	82.1	2.1	(77.9–86.2)
Union County, New Jersey	519	75.4	2.6	(70.3–80.4)
Warren County, New Jersey	477	77.4	2.5	(72.5–82.3)
Bernalillo County, New Mexico	1,262	72.8	1.9	(69.0–76.5)

See footnotes on page 46.

**TABLE 9. (Continued) Estimated prevalence of adults aged ≥18 years who have had a dental visit during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Dona Ana County, New Mexico	499	67.0	3.4	(60.3–73.6)
Sandoval County, New Mexico	520	66.0	3.3	(59.5–72.4)
San Juan County, New Mexico	681	64.7	2.8	(59.2–70.1)
Santa Fe County, New Mexico	609	69.2	2.9	(63.5–74.8)
Valencia County, New Mexico	350	61.1	3.8	(53.6–68.5)
Bronx County, New York	433	67.7	3.0	(61.8–73.5)
Erie County, New York	477	81.1	2.3	(76.5–85.6)
Kings County, New York	906	70.5	2.0	(66.5–74.4)
Monroe County, New York	382	73.0	3.4	(66.3–79.6)
Nassau County, New York	478	76.1	2.6	(71.0–81.1)
New York County, New York	1,040	77.4	2.1	(73.2–81.5)
Queens County, New York	798	71.9	2.1	(67.7–76.0)
Suffolk County, New York	593	73.5	2.6	(68.4–78.5)
Westchester County, New York	384	77.8	3.0	(71.9–83.6)
Buncombe County, North Carolina	263	63.7	3.9	(56.0–71.3)
Cabarrus County, North Carolina	304	62.5	3.8	(55.0–69.9)
Catawba County, North Carolina	293	70.6	3.4	(63.9–77.2)
Durham County, North Carolina	620	72.5	2.6	(67.4–77.5)
Gaston County, North Carolina	265	64.8	4.2	(56.5–73.0)
Guilford County, North Carolina	693	76.6	2.2	(72.2–80.9)
Johnston County, North Carolina	275	72.2	3.2	(65.9–78.4)
Mecklenburg County, North Carolina	606	78.1	2.4	(73.3–82.8)
Orange County, North Carolina	297	70.5	4.0	(62.6–78.3)
Randolph County, North Carolina	395	65.5	3.4	(58.8–72.1)
Union County, North Carolina	346	69.4	3.6	(62.3–76.4)
Wake County, North Carolina	712	77.6	2.4	(72.8–82.3)
Burleigh County, North Dakota	560	78.3	2.5	(73.4–83.2)
Cass County, North Dakota	779	83.9	1.9	(80.1–87.6)
Ward County, North Dakota	464	77.2	2.4	(72.4–81.9)
Cuyahoga County, Ohio	721	73.6	2.3	(69.0–78.1)
Franklin County, Ohio	679	75.4	2.3	(70.8–79.9)
Hamilton County, Ohio	725	75.5	2.4	(70.7–80.2)
Lucas County, Ohio	725	74.3	2.3	(69.7–78.8)
Mahoning County, Ohio	727	73.0	2.4	(68.2–77.7)
Montgomery County, Ohio	702	74.8	2.3	(70.2–79.3)
Stark County, Ohio	714	67.8	2.5	(62.9–72.7)
Summit County, Ohio	703	73.6	2.5	(68.7–78.5)
Cleveland County, Oklahoma	431	70.6	2.8	(65.1–76.0)
Oklahoma County, Oklahoma	1,433	57.3	1.8	(53.7–60.8)
Tulsa County, Oklahoma	1,520	58.7	1.7	(55.3–62.0)
Clackamas County, Oregon	450	76.7	2.7	(71.4–81.9)
Lane County, Oregon	508	67.2	3.3	(60.7–73.6)
Multnomah County, Oregon	812	76.8	2.2	(72.4–81.1)
Washington County, Oregon	584	77.4	2.3	(72.8–81.9)
Allegheny County, Pennsylvania	1,379	75.6	1.6	(72.4–78.7)
Lehigh County, Pennsylvania	282	75.0	3.0	(69.1–80.8)
Luzerne County, Pennsylvania	310	65.5	3.9	(57.8–73.1)
Montgomery County, Pennsylvania	347	80.3	3.0	(74.4–86.1)
Northampton County, Pennsylvania	260	75.5	4.3	(67.0–83.9)
Philadelphia County, Pennsylvania	1,402	62.2	1.9	(58.4–65.9)
Westmoreland County, Pennsylvania	336	73.4	3.2	(67.1–79.6)
Bristol County, Rhode Island	278	86.3	2.6	(81.2–91.3)
Kent County, Rhode Island	938	76.5	1.9	(72.7–80.2)
Newport County, Rhode Island	488	83.5	2.4	(78.7–88.2)
Providence County, Rhode Island	4,127	77.5	1.0	(75.5–79.4)
Washington County, Rhode Island	746	78.7	2.5	(73.8–83.6)
Aiken County, South Carolina	469	71.7	2.7	(66.4–76.9)
Beaufort County, South Carolina	679	76.0	2.5	(71.1–80.9)
Berkeley County, South Carolina	355	NA	NA	NA
Charleston County, South Carolina	666	73.1	3.1	(67.0–79.1)
Greenville County, South Carolina	493	70.2	3.4	(63.5–76.8)
Horry County, South Carolina	551	62.4	3.0	(56.5–68.2)
Richland County, South Carolina	662	63.2	3.8	(55.7–70.6)
Minnehaha County, South Dakota	604	81.2	2.0	(77.2–85.1)

See footnotes on page 46.

**TABLE 9. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who have had a dental visit during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Pennington County, South Dakota	667	74.1	2.3	(69.5–78.6)
Davidson County, Tennessee	418	68.1	3.6	(61.0–75.1)
Hamilton County, Tennessee	384	71.8	3.3	(65.3–78.2)
Knox County, Tennessee	366	74.3	3.2	(68.0–80.5)
Shelby County, Tennessee	393	72.0	3.5	(65.1–78.8)
Sullivan County, Tennessee	457	72.8	2.9	(67.1–78.4)
Bexar County, Texas	965	69.4	2.2	(65.0–73.7)
Dallas County, Texas	392	54.7	3.8	(47.2–62.1)
El Paso County, Texas	869	55.9	2.4	(51.1–60.6)
Fort Bend County, Texas	923	73.8	2.1	(69.6–77.9)
Harris County, Texas	1,452	64.0	1.9	(60.2–67.7)
Hidalgo County, Texas	594	48.2	2.8	(42.7–53.6)
Lubbock County, Texas	756	59.9	2.9	(54.2–65.5)
Midland County, Texas	522	66.8	2.9	(61.1–72.4)
Potter County, Texas	336	55.9	3.7	(48.6–63.1)
Randall County, Texas	459	70.7	3.3	(64.2–77.1)
Smith County, Texas	670	67.4	2.9	(61.7–73.0)
Tarrant County, Texas	599	64.2	3.1	(58.1–70.2)
Travis County, Texas	757	72.7	4.1	(64.6–80.7)
Val Verde County, Texas	553	56.4	5.1	(46.4–66.3)
Webb County, Texas	921	51.9	2.2	(47.5–56.2)
Wichita County, Texas	678	62.7	3.1	(56.6–68.7)
Davis County, Utah	876	75.4	2.2	(71.0–79.7)
Salt Lake County, Utah	3,278	72.4	1.1	(70.2–74.5)
Summit County, Utah	453	79.1	2.9	(73.4–84.7)
Tooele County, Utah	567	73.6	2.5	(68.7–78.5)
Utah County, Utah	1,110	77.4	1.8	(73.8–80.9)
Weber County, Utah	774	74.6	2.1	(70.4–78.7)
Chittenden County, Vermont	1,430	84.3	1.3	(81.7–86.8)
Franklin County, Vermont	483	75.6	2.3	(71.0–80.1)
Orange County, Vermont	358	69.4	3.0	(63.5–75.2)
Rutland County, Vermont	657	73.0	2.4	(68.2–77.7)
Washington County, Vermont	668	80.7	1.9	(76.9–84.4)
Windsor County, Vermont	680	71.6	2.3	(67.0–76.1)
Benton County, Washington	389	74.2	2.8	(68.7–79.6)
Clark County, Washington	1,094	70.4	2.2	(66.0–74.7)
Franklin County, Washington	254	63.6	4.7	(54.3–72.8)
King County, Washington	3,032	77.8	1.1	(75.6–79.9)
Kitsap County, Washington	923	73.6	2.0	(69.6–77.5)
Pierce County, Washington	1,719	73.0	1.4	(70.2–75.7)
Snohomish County, Washington	1,652	72.1	1.5	(69.1–75.0)
Spokane County, Washington	1,215	72.2	1.9	(68.4–75.9)
Thurston County, Washington	775	72.4	2.3	(67.8–76.9)
Yakima County, Washington	739	69.3	2.4	(64.5–74.0)
Kanawha County, West Virginia	480	68.7	3.1	(62.6–74.7)
Milwaukee County, Wisconsin	1,215	74.4	2.7	(69.1–79.6)
Laramie County, Wyoming	910	72.5	2.0	(68.5–76.4)
Natrona County, Wyoming	765	68.8	2.3	(64.2–73.3)
Median		72.4		
Range		47.1–88.2		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available if the unweighted sample size for the denominator was  $<50$  or if the confidence interval half width is  $>10$ .

**TABLE 10. Estimated prevalence of adults aged  $\geq 65$  years who have had all their natural teeth extracted, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	2,646	25.5	1.1	(23.3–27.7)
Alaska	320	16.2	3.4	(9.5–22.8)
Arizona	2,316	13.8	1.0	(11.8–15.7)
Arkansas	1,599	23.3	1.3	(20.9–25.8)
California	5,386	10.6	0.6	(9.3–11.8)
Colorado	3,271	13.4	0.7	(12.0–14.8)
Connecticut	2,141	9.2	0.7	(7.8–10.6)
Delaware	1,404	16.4	1.1	(14.1–18.6)
District of Columbia	1,184	12.1	1.3	(9.6–14.7)
Florida	13,863	13.3	0.6	(12.2–14.4)
Georgia	1,722	21.0	1.2	(18.7–23.3)
Hawaii	2,133	7.4	0.7	(6.0–8.9)
Idaho	2,365	15.7	0.8	(14.1–17.3)
Illinois	1,673	15.2	1.1	(13.1–17.3)
Indiana	3,328	21.3	0.8	(19.7–23.0)
Iowa	2,131	16.9	0.9	(15.1–18.6)
Kansas	2,863	17.9	0.8	(16.4–19.5)
Kentucky	2,583	27.4	1.2	(25.0–29.8)
Louisiana	2,110	25.6	1.1	(23.4–27.8)
Maine	2,583	20.7	0.9	(18.9–22.4)
Maryland	2,440	13.6	0.9	(11.9–15.3)
Massachusetts	4,523	15.2	0.8	(13.7–16.7)
Michigan	3,082	13.1	0.7	(11.8–14.4)
Minnesota	2,364	11.2	0.8	(9.6–12.8)
Mississippi	2,900	27.1	1.0	(25.1–29.2)
Missouri	1,929	19.5	1.1	(17.4–21.7)
Montana	2,387	17.6	0.9	(15.7–19.4)
Nebraska	6,045	15.2	0.7	(13.8–16.7)
Nevada	1,234	17.2	1.5	(14.4–20.1)
New Hampshire	1,899	17.2	1.0	(15.3–19.1)
New Jersey	3,310	14.1	0.8	(12.6–15.7)
New Mexico	2,284	18.5	1.0	(16.6–20.4)
New York	2,893	14.7	0.7	(13.3–16.1)
North Carolina	3,824	21.5	0.9	(19.7–23.4)
North Dakota	1,474	18.8	1.1	(16.7–20.9)
Ohio	3,010	19.8	0.9	(18.1–21.6)
Oklahoma	2,763	24.6	0.9	(22.7–26.4)
Oregon	1,801	13.7	0.9	(12.0–15.4)
Pennsylvania	3,812	18.0	0.7	(16.6–19.4)
Rhode Island	2,100	16.5	0.9	(14.7–18.2)
South Carolina	3,328	21.6	1.0	(19.5–23.6)
South Dakota	2,298	18.2	0.9	(16.3–20.0)
Tennessee	2,002	33.7	1.4	(31.0–36.5)
Texas	5,939	14.1	0.8	(12.5–15.7)
Utah	2,486	12.8	0.8	(11.2–14.3)
Vermont	2,123	17.5	0.9	(15.7–19.2)
Virginia	1,567	15.0	1.0	(13.1–17.0)
Washington	6,439	12.0	0.5	(11.1–12.9)
West Virginia	1,486	36.0	1.4	(33.3–38.8)
Wisconsin	1,374	16.3	1.1	(14.0–18.5)
Wyoming	1,947	18.6	1.0	(16.7–20.5)
Guam	114	23.7	4.8	(14.4–33.1)
Puerto Rico	1,401	20.1	1.1	(17.9–22.4)
Virgin Islands	429	12.1	1.8	(8.6–15.6)
Median		17.1		
Range		7.4–36.0		

Abbreviations: SE = standard error; CI = confidence interval.

**TABLE 11. Estimated prevalence of adults aged ≥65 years who have had all their natural teeth extracted, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	263	22.1	3.2	(15.8–28.3)
Albuquerque, New Mexico	687	14.9	1.6	(11.7–18.0)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	357	16.5	2.2	(12.1–20.8)
Amarillo, Texas	291	12.8	2.1	(8.6–16.9)
Arcadia, Florida	226	18.4	2.9	(12.7–24.0)
Asheville, North Carolina	235	19.8	2.8	(14.3–25.2)
Atlanta-Sandy Springs-Marietta, Georgia	600	19.6	2.2	(15.2–23.9)
Atlantic City, New Jersey	262	17.5	2.6	(12.4–22.5)
Augusta-Richmond County, Georgia-South Carolina	296	23.5	3.1	(17.4–29.5)
Augusta-Waterville, Maine	195	18.5	3.0	(12.6–24.3)
Austin-Round Rock, Texas	257	10.5	2.8	(5.0–15.9)
Baltimore-Towson, Maryland	853	12.8	1.4	(10.0–15.5)
Bangor, Maine	187	27.8	3.5	(20.9–34.6)
Barre, Vermont	230	20.4	3.0	(14.5–26.2)
Baton Rouge, Louisiana	333	25.1	2.9	(19.4–30.7)
Bethesda-Gaithersburg-Frederick, Maryland*	397	5.2	1.2	(2.8–7.5)
Billings, Montana	209	13.4	2.8	(7.9–18.8)
Birmingham-Hoover, Alabama	394	24.9	2.7	(19.6–30.1)
Bismarck, North Dakota	232	21.7	2.8	(16.2–27.1)
Boise City-Nampa, Idaho	561	9.3	1.3	(6.7–11.8)
Boston-Quincy, Massachusetts*	913	14.9	1.6	(11.7–18.0)
Bremerton-Silverdale, Washington	281	9.5	1.9	(5.7–13.2)
Bridgeport-Stamford-Norwalk, Connecticut	680	6.9	1.2	(4.5–9.2)
Buffalo-Cheektowaga-Tonawanda, New York	223	19.1	3.0	(13.2–24.9)
Burlington-South Burlington, Vermont	504	16.0	1.8	(12.4–19.5)
Cambridge-Newton-Framingham, Massachusetts*	742	9.7	1.3	(7.1–12.2)
Camden, New Jersey*	469	14.3	1.8	(10.7–17.8)
Canton-Massillon, Ohio	231	22.9	3.2	(16.6–29.1)
Cape Coral-Fort Myers, Florida	261	12.4	2.3	(7.8–16.9)
Casper, Wyoming	229	21.1	3.1	(15.0–27.1)
Cedar Rapids, Iowa	194	13.6	2.7	(8.3–18.8)
Charleston, West Virginia	273	34.8	3.2	(28.5–41.0)
Charleston-North Charleston, South Carolina	395	12.7	2.3	(8.1–17.2)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	509	19.4	2.3	(14.8–23.9)
Chattanooga, Tennessee-Georgia	184	27.4	4.4	(18.7–36.0)
Cheyenne, Wyoming	312	20.5	2.5	(15.6–25.4)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	1,551	13.9	1.2	(11.5–16.2)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	576	17.4	1.9	(13.6–21.1)
Cleveland-Elyria-Mentor, Ohio	337	15.1	2.2	(10.7–19.4)
Coeur d'Alene, Idaho	220	12.8	2.3	(8.2–17.3)
Colorado Springs, Colorado	299	12.4	2.0	(8.4–16.3)
Columbia, South Carolina	348	19.5	3.1	(13.4–25.5)
Columbus, Ohio	345	21.4	2.7	(16.1–26.6)
Concord, New Hampshire	206	15.9	2.8	(10.4–21.3)
Dallas-Plano-Irving, Texas*	223	11.0	2.4	(6.2–15.7)
Dayton, Ohio	304	19.0	2.7	(13.7–24.2)
Del Rio, Texas	191	15.2	3.5	(8.3–22.0)
Deltona-Daytona Beach-Ormond Beach, Florida	400	15.2	2.0	(11.2–19.1)
Denver-Aurora, Colorado	1,224	12.0	1.1	(9.8–14.1)
Des Moines-West Des Moines, Iowa	293	11.4	1.9	(7.6–15.1)
Detroit-Livonia-Dearborn, Michigan*	660	18.5	1.9	(14.7–22.2)
Dover, Delaware	382	20.0	2.2	(15.6–24.3)
Durham, North Carolina	272	17.1	3.7	(9.8–24.3)
Edison, New Jersey*	635	12.4	1.5	(9.4–15.3)
El Paso, Texas	247	12.1	2.4	(7.3–16.8)
Eugene-Springfield, Oregon	180	10.9	2.5	(6.0–15.8)
Evansville, Indiana-Kentucky	169	19.0	3.5	(12.1–25.8)
Fargo, North Dakota-Minnesota	243	14.7	4.2	(6.4–22.9)
Farmington, New Mexico	195	22.5	3.5	(15.6–29.3)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	255	19.5	3.6	(12.4–26.5)
Fort Collins-Loveland, Colorado	164	7.0	2.1	(2.8–11.1)
Fort Wayne, Indiana	239	16.7	2.8	(11.2–22.1)
Fort Worth-Arlington, Texas*	248	14.3	2.7	(9.0–19.5)

See footnotes on page 51.



**TABLE 11. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who have had all their natural teeth extracted, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	329	12.0	2.5	(7.1–16.9)
Grand Island, Nebraska	340	15.0	2.2	(10.6–19.3)
Grand Rapids-Wyoming, Michigan	204	10.3	2.1	(6.1–14.4)
Greensboro-High Point, North Carolina	399	22.5	2.5	(17.6–27.4)
Greenville, South Carolina	292	21.8	3.1	(15.7–27.8)
Hagerstown-Martinsburg, Maryland-West Virginia	194	22.8	3.5	(15.9–29.6)
Hartford-West Hartford-East Hartford, Connecticut	639	9.4	1.3	(6.8–11.9)
Hastings, Nebraska	220	16.7	2.7	(11.4–21.9)
Helena, Montana	217	19.3	3.0	(13.4–25.1)
Hickory-Morganton-Lenoir, North Carolina	189	24.2	3.6	(17.1–31.2)
Hilo, Hawaii	440	7.6	1.5	(4.6–10.5)
Hilton Head Island-Beaufort, South Carolina	343	9.8	1.8	(6.2–13.3)
Homosassa Springs, Florida	275	23.9	3.1	(17.8–29.9)
Honolulu, Hawaii	1,027	6.9	0.9	(5.1–8.6)
Houston-Sugar Land-Baytown, Texas	715	10.1	1.4	(7.3–12.8)
Huntington-Ashland, West Virginia-Kentucky-Ohio	209	26.7	3.9	(19.0–34.3)
Idaho Falls, Idaho	201	10.4	2.2	(6.0–14.7)
Indianapolis-Carmel, Indiana	664	18.6	1.8	(15.0–22.1)
Jackson, Mississippi	262	24.7	3.1	(18.6–30.7)
Jacksonville, Florida	867	16.3	2.2	(11.9–20.6)
Kahului-Wailuku, Hawaii	454	6.1	1.3	(3.5–8.6)
Kalispell, Montana	217	13.8	2.5	(8.9–18.7)
Kansas City, Missouri-Kansas	1,070	17.9	1.5	(14.9–20.8)
Kapaa, Hawaii	212	7.9	2.2	(3.5–12.2)
Kennewick-Richland-Pasco, Washington	177	14.2	3.2	(7.9–20.4)
Key West-Marathon, Florida	204	8.2	1.8	(4.6–11.7)
Kingsport-Bristol, Tennessee-Virginia	283	29.9	3.4	(23.2–36.5)
Knoxville, Tennessee	184	30.7	4.0	(22.8–38.5)
Lake City, Florida	179	19.7	3.5	(12.8–26.5)
Lakeland-Winter Haven, Florida	219	14.9	2.8	(9.4–20.3)
Laredo, Texas	208	11.4	2.6	(6.3–16.4)
Las Cruces, New Mexico	200	12.6	2.6	(7.5–17.6)
Las Vegas-Paradise, Nevada	410	16.3	2.0	(12.3–20.2)
Lebanon, New Hampshire-Vermont	505	17.8	1.9	(14.0–21.5)
Lewiston, Idaho-Washington	245	15.5	2.6	(10.4–20.5)
Lewiston-Auburn, Maine	157	25.2	4.1	(17.1–33.2)
Lincoln, Nebraska	381	10.9	1.9	(7.1–14.6)
Little Rock-North Little Rock, Arkansas	305	16.2	2.4	(11.4–20.9)
Los Angeles-Long Beach-Glendale, California*	765	11.5	1.6	(8.3–14.6)
Louisville, Kentucky-Indiana	272	23.0	3.0	(17.1–28.8)
Lubbock, Texas	307	16.8	2.5	(11.9–21.7)
Manchester-Nashua, New Hampshire	410	19.9	2.1	(15.7–24.0)
McAllen-Edinburg-Mission, Texas	183	11.6	2.7	(6.3–16.8)
Memphis, Tennessee-Mississippi-Arkansas	399	23.9	3.0	(18.0–29.7)
Miami-Fort Lauderdale-Miami Beach, Florida	371	11.9	2.1	(7.7–16.0)
Midland, Texas	208	15.3	2.8	(9.8–20.7)
Milwaukee-Waukesha-West Allis, Wisconsin	410	14.9	2.3	(10.3–19.4)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	1,078	7.8	1.0	(5.8–9.7)
Minot, North Dakota	169	19.5	3.1	(13.4–25.5)
Mobile, Alabama	239	24.1	3.1	(18.0–30.1)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	211	16.7	3.0	(10.8–22.5)
Naples-Marco Island, Florida	314	7.4	1.5	(4.4–10.3)
Nashville-Davidson-Murfreesboro, Tennessee	258	29.6	3.7	(22.3–36.8)
Nassau-Suffolk, New York*	369	9.2	1.8	(5.6–12.7)
Newark-Union, New Jersey-Pennsylvania*	785	13.2	1.6	(10.0–16.3)
New Haven-Milford, Connecticut	556	9.6	1.4	(6.8–12.3)
New Orleans-Metairie-Kenner, Louisiana	454	17.9	2.2	(13.5–22.2)
New York-White Plains-Wayne, New York-New Jersey*	1,701	11.9	0.9	(10.1–13.6)
Norfolk, Nebraska	243	22.3	2.9	(16.6–27.9)
North Platte, Nebraska	213	13.6	2.4	(8.8–18.3)
North Port-Bradenton-Sarasota, Florida	598	11.4	1.5	(8.4–14.3)
Ocala, Florida	312	18.6	2.6	(13.5–23.6)
Ocean City, New Jersey	191	16.7	3.2	(10.4–22.9)

See footnotes on page 51.

**TABLE 11. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who have had all their natural teeth extracted, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	428	11.0	1.6	(7.8–14.1)
Oklahoma City, Oklahoma	778	20.7	1.7	(17.3–24.0)
Olympia, Washington	212	9.1	2.2	(4.7–13.4)
Omaha-Council Bluffs, Nebraska-Iowa	643	14.5	1.7	(11.1–17.8)
Orlando-Kissimmee, Florida	889	12.9	1.3	(10.3–15.4)
Palm Bay-Melbourne-Titusville, Florida	236	16.4	2.7	(11.1–21.6)
Panama City-Lynn Haven, Florida	183	8.7	2.1	(4.5–12.8)
Peabody, Massachusetts	603	12.6	1.9	(8.8–16.3)
Pensacola-Ferry Pass-Brent, Florida	321	13.0	1.9	(9.2–16.7)
Philadelphia, Pennsylvania*	745	10.7	1.3	(8.1–13.2)
Phoenix-Mesa-Scottsdale, Arizona	657	14.5	1.6	(11.3–17.6)
Pittsburgh, Pennsylvania	873	18.3	1.4	(15.5–21.0)
Portland-South Portland-Biddeford, Maine	832	16.5	1.4	(13.7–19.2)
Portland-Vancouver-Beaverton, Oregon-Washington	1,074	13.2	1.2	(10.8–15.5)
Port St. Lucie-Fort Pierce, Florida	490	11.2	1.6	(8.0–14.3)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	2,951	18.0	1.0	(16.0–19.9)
Provo-Orem, Utah	257	9.1	2.0	(5.1–13.0)
Raleigh-Cary, North Carolina	241	18.0	3.3	(11.5–24.4)
Rapid City, South Dakota	284	22.2	2.7	(16.9–27.4)
Reno-Sparks, Nevada	393	16.2	2.2	(11.8–20.5)
Richmond, Virginia	229	16.0	2.8	(10.5–21.4)
Riverside-San Bernardino-Ontario, California	546	14.8	1.8	(11.2–18.3)
Rochester, New York	215	14.1	2.7	(8.8–19.3)
Rockingham County-Strafford County, New Hampshire*	444	15.3	2.0	(11.3–19.2)
Rutland, Vermont	229	16.9	2.8	(11.4–22.3)
Sacramento-Arden-Arcade-Roseville, California	448	11.0	1.8	(7.4–14.5)
St. Louis, Missouri-Illinois	549	12.0	1.8	(8.4–15.5)
Salt Lake City, Utah	988	14.2	1.3	(11.6–16.7)
San Antonio, Texas	409	15.3	2.7	(10.0–20.5)
San Diego-Carlsbad-San Marcos, California	516	8.3	1.6	(5.1–11.4)
San Francisco-Oakland-Fremont, California	739	6.1	1.1	(3.9–8.2)
San Jose-Sunnyvale-Santa Clara, California	275	4.8	2.1	(0.6–8.9)
Santa Ana-Anaheim-Irvine, California*	432	8.0	1.8	(4.4–11.5)
Santa Fe, New Mexico	193	13.1	2.7	(7.8–18.3)
Scottsbluff, Nebraska	330	23.3	4.6	(14.2–32.3)
Scranton-Wilkes-Barre, Pennsylvania	217	22.7	3.1	(16.6–28.7)
Seaford, Delaware	519	18.6	2.0	(14.6–22.5)
Seattle-Bellevue-Everett, Washington*	1,346	9.3	0.9	(7.5–11.0)
Sebring, Florida	293	17.0	2.5	(12.1–21.9)
Shreveport-Bossier City, Louisiana	226	24.2	3.4	(17.5–30.8)
Sioux City, Iowa-Nebraska-South Dakota	390	19.2	3.5	(12.3–26.0)
Sioux Falls, South Dakota	271	18.0	2.4	(13.2–22.7)
Spokane, Washington	394	11.8	1.7	(8.4–15.1)
Springfield, Massachusetts	579	16.9	2.3	(12.3–21.4)
Tacoma, Washington*	549	13.2	1.6	(10.0–16.3)
Tallahassee, Florida	622	11.3	1.8	(7.7–14.8)
Tampa-St. Petersburg-Clearwater, Florida	873	17.5	1.8	(13.9–21.0)
Toledo, Ohio	251	13.8	2.4	(9.0–18.5)
Topeka, Kansas	262	16.9	2.4	(12.1–21.6)
Trenton-Ewing, New Jersey	128	15.2	3.8	(7.7–22.6)
Tucson, Arizona	305	7.1	1.6	(3.9–10.2)
Tulsa, Oklahoma	735	20.8	1.8	(17.2–24.3)
Tuscaloosa, Alabama	160	27.9	4.0	(20.0–35.7)
Twin Falls, Idaho	203	19.1	3.1	(13.0–25.1)
Tyler, Texas	257	13.2	2.4	(8.4–17.9)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	306	13.6	2.2	(9.2–17.9)
Warren-Troy-Farmington Hills, Michigan*	630	8.5	1.2	(6.1–10.8)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	1,727	10.7	1.3	(8.1–13.2)
Wauchula, Florida	205	14.0	2.7	(8.7–19.2)
West Palm Beach-Boca Raton-Boynton Beach, Florida*	262	6.0	1.5	(3.0–8.9)
Wichita, Kansas	612	13.0	1.5	(10.0–15.9)
Wichita Falls, Texas	343	15.0	2.3	(10.4–19.5)
Wilmington, Delaware-Maryland-New Jersey*	627	16.8	1.8	(13.2–20.3)

See footnotes on page 51.

**TABLE 11. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who have had all their natural teeth extracted, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	553	20.6	2.5	(15.7–25.5)
Yakima, Washington	245	14.2	2.3	(9.6–18.7)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	372	20.2	3.0	(14.3–26.0)
Median		15.2		
Range		4.8–34.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 12. Estimated prevalence of adults aged  $\geq 65$  years who have had all their natural teeth extracted, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	194	26.9	3.7	(19.6–34.1)
Mobile County, Alabama	239	24.1	3.1	(18.0–30.1)
Tuscaloosa County, Alabama	131	27.3	4.3	(18.8–35.7)
Maricopa County, Arizona	480	13.7	1.7	(10.3–17.0)
Pima County, Arizona	305	7.1	1.6	(3.9–10.2)
Pinal County, Arizona	177	22.3	3.8	(14.8–29.7)
Benton County, Arkansas	144	19.2	4.1	(11.1–27.2)
Pulaski County, Arkansas	207	14.9	2.8	(9.4–20.3)
Washington County, Arkansas	97	9.8	3.3	(3.3–16.2)
Alameda County, California	209	9.1	2.8	(3.6–14.5)
Contra Costa County, California	220	6.7	2.0	(2.7–10.6)
Los Angeles County, California	765	11.5	1.6	(8.3–14.6)
Orange County, California	432	8.0	1.8	(4.4–11.5)
Placer County, California	105	8.7	2.7	(3.4–13.9)
Riverside County, California	299	14.1	2.4	(9.3–18.8)
Sacramento County, California	252	11.7	2.6	(6.6–16.7)
San Bernardino County, California	247	15.2	2.7	(9.9–20.4)
San Diego County, California	516	8.3	1.6	(5.1–11.4)
San Francisco County, California	114	NA*	NA	NA
San Mateo County, California	116	NA	NA	NA
Santa Clara County, California	264	2.4	1.0	(0.4–4.3)
Adams County, Colorado	187	17.6	3.1	(11.5–23.6)
Arapahoe County, Colorado	223	7.9	2.0	(3.9–11.8)
Denver County, Colorado	272	13.2	2.3	(8.6–17.7)
Douglas County, Colorado	103	9.5	3.2	(3.2–15.7)
El Paso County, Colorado	264	12.7	2.1	(8.5–16.8)
Jefferson County, Colorado	332	10.3	1.9	(6.5–14.0)
Larimer County, Colorado	164	7.0	2.1	(2.8–11.1)
Fairfield County, Connecticut	680	6.9	1.2	(4.5–9.2)
Hartford County, Connecticut	478	8.4	1.3	(5.8–10.9)
Middlesex County, Connecticut	92	12.0	4.2	(3.7–20.2)
New Haven County, Connecticut	556	9.6	1.4	(6.8–12.3)
Tolland County, Connecticut	69	12.5	4.4	(3.8–21.1)
Kent County, Delaware	382	20.0	2.2	(15.6–24.3)
New Castle County, Delaware	503	13.2	1.7	(9.8–16.5)
Sussex County, Delaware	519	18.6	2.0	(14.6–22.5)
District of Columbia, District of Columbia	1,184	12.1	1.3	(9.5–14.6)
Alachua County, Florida	170	9.9	2.4	(5.1–14.6)
Baker County, Florida	151	22.9	4.6	(13.8–31.9)
Bay County, Florida	183	8.7	2.1	(4.5–12.8)
Brevard County, Florida	236	16.4	2.7	(11.1–21.6)
Broward County, Florida	196	10.7	2.4	(5.9–15.4)
Citrus County, Florida	275	23.9	3.1	(17.8–29.9)
Clay County, Florida	147	11.9	2.8	(6.4–17.3)
Collier County, Florida	314	7.4	1.5	(4.4–10.3)
Columbia County, Florida	179	19.7	3.5	(12.8–26.5)
DeSoto County, Florida	226	18.4	2.9	(12.7–24.0)
Duval County, Florida	164	18.2	3.6	(11.1–25.2)
Escambia County, Florida	176	10.7	2.3	(6.1–15.2)
Gadsden County, Florida	164	23.8	4.3	(15.3–32.2)
Gilchrist County, Florida	159	NA	NA	NA
Hardee County, Florida	205	14.0	2.7	(8.7–19.2)
Hernando County, Florida	223	19.0	2.9	(13.3–24.6)
Highlands County, Florida	293	17.0	2.5	(12.1–21.9)
Hillsborough County, Florida	175	14.5	3.1	(8.4–20.5)
Jefferson County, Florida	160	NA	NA	NA
Lake County, Florida	307	13.7	2.1	(9.5–17.8)
Lee County, Florida	261	12.4	2.3	(7.8–16.9)
Leon County, Florida	147	4.1	1.5	(1.1–7.0)
Manatee County, Florida	246	12.8	2.5	(7.9–17.7)
Marion County, Florida	312	18.6	2.6	(13.5–23.6)
Martin County, Florida	266	8.0	1.9	(4.2–11.7)
Miami-Dade County, Florida	175	12.4	3.0	(6.5–18.2)

See footnotes on page 56.

**TABLE 12. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who have had all their natural teeth extracted, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	204	8.2	1.8	(4.6–11.7)
Nassau County, Florida	197	22.0	4.6	(12.9–31.0)
Orange County, Florida	253	14.4	2.6	(9.3–19.4)
Osceola County, Florida	183	14.6	3.2	(8.3–20.8)
Palm Beach County, Florida	262	6.0	1.5	(3.0–8.9)
Pasco County, Florida	253	19.4	2.7	(14.1–24.6)
Pinellas County, Florida	222	16.3	2.8	(10.8–21.7)
Polk County, Florida	219	14.9	2.8	(9.4–20.3)
St. Johns County, Florida	208	9.4	2.3	(4.8–13.9)
St. Lucie County, Florida	224	13.5	2.5	(8.6–18.4)
Santa Rosa County, Florida	145	17.1	3.2	(10.8–23.3)
Sarasota County, Florida	352	10.7	1.8	(7.1–14.2)
Seminole County, Florida	146	8.5	2.4	(3.7–13.2)
Volusia County, Florida	400	15.2	2.0	(11.2–19.1)
Wakulla County, Florida	151	NA	NA	NA
Cobb County, Georgia	66	11.9	4.1	(3.8–19.9)
DeKalb County, Georgia	86	NA	NA	NA
Fulton County, Georgia	81	14.4	4.8	(4.9–23.8)
Gwinnett County, Georgia	52	NA	NA	NA
Hawaii County, Hawaii	440	7.6	1.5	(4.6–10.5)
Honolulu County, Hawaii	1,027	6.9	0.9	(5.1–8.6)
Kauai County, Hawaii	212	7.9	2.2	(3.5–12.2)
Maui County, Hawaii	454	6.1	1.3	(3.5–8.6)
Ada County, Idaho	278	6.6	1.6	(3.4–9.7)
Bonneville County, Idaho	156	11.4	2.8	(5.9–16.8)
Canyon County, Idaho	216	14.5	2.5	(9.6–19.4)
Kootenai County, Idaho	220	12.8	2.3	(8.2–17.3)
Nez Perce County, Idaho	147	17.6	3.6	(10.5–24.6)
Twin Falls County, Idaho	167	17.2	3.3	(10.7–23.6)
Cook County, Illinois	924	14.3	1.4	(11.5–17.0)
DuPage County, Illinois	72	16.1	3.6	(9.0–23.1)
Allen County, Indiana	197	16.7	3.1	(10.6–22.7)
Lake County, Indiana	314	18.9	3.3	(12.4–25.3)
Marion County, Indiana	454	23.9	2.7	(18.6–29.1)
Linn County, Iowa	176	13.2	2.7	(7.9–18.4)
Polk County, Iowa	218	11.6	2.2	(7.2–15.9)
Johnson County, Kansas	388	10.4	1.7	(7.0–13.7)
Sedgwick County, Kansas	462	13.8	1.7	(10.4–17.1)
Shawnee County, Kansas	202	15.9	2.5	(11.0–20.8)
Wyandotte County, Kansas	208	27.7	4.0	(19.8–35.5)
Jefferson County, Kentucky	132	17.5	3.7	(10.2–24.7)
Caddo Parish, Louisiana	152	21.5	4.1	(13.4–29.5)
East Baton Rouge Parish, Louisiana	205	23.5	3.6	(16.4–30.5)
Jefferson Parish, Louisiana	190	16.3	3.3	(9.8–22.7)
Orleans Parish, Louisiana	122	19.2	4.0	(11.3–27.0)
St. Tammany Parish, Louisiana	95	16.2	3.8	(8.7–23.6)
Androscoggin County, Maine	157	25.2	4.1	(17.1–33.2)
Cumberland County, Maine	442	12.5	1.6	(9.3–15.6)
Kennebec County, Maine	195	18.5	3.0	(12.6–24.3)
Penobscot County, Maine	187	27.8	3.5	(20.9–34.6)
Sagadahoc County, Maine	87	20.7	4.8	(11.2–30.1)
York County, Maine	303	21.5	2.6	(16.4–26.5)
Anne Arundel County, Maryland	150	11.0	2.8	(5.5–16.4)
Baltimore County, Maryland	289	14.6	2.3	(10.0–19.1)
Cecil County, Maryland	65	NA	NA	NA
Charles County, Maryland	67	NA	NA	NA
Frederick County, Maryland	126	9.8	2.6	(4.7–14.8)
Harford County, Maryland	61	10.1	4.5	(1.2–18.9)
Howard County, Maryland	69	NA	NA	NA
Montgomery County, Maryland	271	4.3	1.3	(1.7–6.8)
Prince George's County, Maryland	182	15.6	3.0	(9.7–21.4)
Queen Anne's County, Maryland	82	9.7	3.2	(3.4–15.9)
Washington County, Maryland	124	20.3	3.9	(12.6–27.9)

See footnotes on page 56.



**TABLE 12. (Continued) Estimated prevalence of adults aged ≥65 years who have had all their natural teeth extracted, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	139	18.9	4.2	(10.6–27.1)
Bristol County, Massachusetts	851	25.0	2.8	(19.5–30.4)
Essex County, Massachusetts	603	12.8	1.9	(9.0–16.5)
Hampden County, Massachusetts	464	16.9	2.9	(11.2–22.5)
Hampshire County, Massachusetts	74	14.9	5.0	(5.1–24.7)
Middlesex County, Massachusetts	742	9.8	1.4	(7.0–12.5)
Norfolk County, Massachusetts	259	10.8	1.9	(7.0–14.5)
Plymouth County, Massachusetts	203	15.4	3.2	(9.1–21.6)
Suffolk County, Massachusetts	451	16.2	2.0	(12.2–20.1)
Worcester County, Massachusetts	553	20.6	2.5	(15.7–25.5)
Kent County, Michigan	143	8.7	2.3	(4.1–13.2)
Macomb County, Michigan	191	10.8	2.4	(6.0–15.5)
Oakland County, Michigan	327	5.5	1.3	(2.9–8.0)
Wayne County, Michigan	660	18.5	1.9	(14.7–22.2)
Anoka County, Minnesota	80	8.6	3.3	(2.1–15.0)
Dakota County, Minnesota	100	5.2	2.3	(0.6–9.7)
Hennepin County, Minnesota	467	5.6	1.4	(2.8–8.3)
Ramsey County, Minnesota	229	9.7	3.0	(3.8–15.5)
Washington County, Minnesota	62	NA	NA	NA
DeSoto County, Mississippi	147	20.7	3.9	(13.0–28.3)
Hinds County, Mississippi	115	29.1	4.9	(19.4–38.7)
Jackson County, Missouri	180	15.7	3.1	(9.6–21.7)
St. Louis County, Missouri	211	12.8	2.9	(7.1–18.4)
St. Louis city, Missouri	192	NA	NA	NA
Flathead County, Montana	217	13.8	2.5	(8.9–18.7)
Lewis and Clark County, Montana	181	18.6	3.2	(12.3–24.8)
Yellowstone County, Montana	193	12.1	2.6	(7.0–17.1)
Adams County, Nebraska	174	16.9	3.1	(10.8–22.9)
Dakota County, Nebraska	243	28.5	3.2	(22.2–34.7)
Douglas County, Nebraska	266	14.0	2.4	(9.2–18.7)
Hall County, Nebraska	227	13.5	2.5	(8.6–18.4)
Lancaster County, Nebraska	278	11.1	2.1	(6.9–15.2)
Lincoln County, Nebraska	204	14.2	2.5	(9.3–19.1)
Madison County, Nebraska	170	20.4	3.3	(13.9–26.8)
Sarpy County, Nebraska	151	11.1	3.0	(5.2–16.9)
Scotts Bluff County, Nebraska	319	23.0	4.7	(13.7–32.2)
Seward County, Nebraska	103	8.3	2.5	(3.4–13.2)
Clark County, Nevada	410	16.3	2.0	(12.3–20.2)
Washoe County, Nevada	386	16.2	2.2	(11.8–20.5)
Grafton County, New Hampshire	167	18.8	3.4	(12.1–25.4)
Hillsborough County, New Hampshire	410	19.9	2.1	(15.7–24.0)
Merrimack County, New Hampshire	206	15.9	2.8	(10.4–21.3)
Rockingham County, New Hampshire	272	14.3	2.3	(9.7–18.8)
Strafford County, New Hampshire	172	17.5	3.4	(10.8–24.1)
Atlantic County, New Jersey	262	17.5	2.6	(12.4–22.5)
Bergen County, New Jersey	179	8.3	2.2	(3.9–12.6)
Burlington County, New Jersey	167	11.7	3.1	(5.6–17.7)
Camden County, New Jersey	159	18.1	3.2	(11.8–24.3)
Cape May County, New Jersey	191	16.7	3.2	(10.4–22.9)
Essex County, New Jersey	254	19.4	3.1	(13.3–25.4)
Gloucester County, New Jersey	143	13.8	3.4	(7.1–20.4)
Hudson County, New Jersey	231	17.2	2.8	(11.7–22.6)
Hunterdon County, New Jersey	114	5.7	2.4	(0.9–10.4)
Mercer County, New Jersey	128	15.2	3.8	(7.7–22.6)
Middlesex County, New Jersey	154	13.8	3.2	(7.5–20.0)
Monmouth County, New Jersey	145	11.1	3.0	(5.2–16.9)
Morris County, New Jersey	163	7.7	2.6	(2.6–12.7)
Ocean County, New Jersey	204	13.9	2.6	(8.8–18.9)
Passaic County, New Jersey	144	16.2	3.6	(9.1–23.2)
Somerset County, New Jersey	132	8.0	2.6	(2.9–13.0)
Sussex County, New Jersey	108	15.8	3.8	(8.3–23.2)
Union County, New Jersey	126	9.7	2.9	(4.0–15.3)
Warren County, New Jersey	152	21.4	3.8	(13.9–28.8)

See footnotes on page 56.

**TABLE 12. (Continued) Estimated prevalence of adults aged ≥65 years who have had all their natural teeth extracted, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	409	14.2	2.0	(10.2–18.1)
Dona Ana County, New Mexico	200	12.6	2.6	(7.5–17.6)
Sandoval County, New Mexico	152	11.7	2.7	(6.4–16.9)
San Juan County, New Mexico	195	22.5	3.5	(15.6–29.3)
Santa Fe County, New Mexico	193	13.1	2.7	(7.8–18.3)
Valencia County, New Mexico	109	23.7	4.6	(14.6–32.7)
Bronx County, New York	114	16.1	3.9	(8.4–23.7)
Erie County, New York	175	19.5	3.4	(12.8–26.1)
Kings County, New York	230	10.8	2.1	(6.6–14.9)
Monroe County, New York	146	11.7	3.1	(5.6–17.7)
Nassau County, New York	167	4.8	1.6	(1.6–7.9)
New York County, New York	325	14.6	2.6	(9.5–19.6)
Queens County, New York	234	14.8	2.5	(9.9–19.7)
Suffolk County, New York	202	11.7	2.4	(6.9–16.4)
Westchester County, New York	117	4.3	2.0	(0.3–8.2)
Buncombe County, North Carolina	102	20.5	4.1	(12.4–28.5)
Cabarrus County, North Carolina	101	25.0	4.8	(15.5–34.4)
Catawba County, North Carolina	96	17.6	3.9	(9.9–25.2)
Durham County, North Carolina	166	16.2	3.4	(9.5–22.8)
Gaston County, North Carolina	84	NA	NA	NA
Guilford County, North Carolina	224	16.2	2.6	(11.1–21.2)
Johnston County, North Carolina	68	NA	NA	NA
Mecklenburg County, North Carolina	179	9.0	2.4	(4.2–13.7)
Orange County, North Carolina	74	8.4	3.3	(1.9–14.8)
Randolph County, North Carolina	147	32.6	4.4	(23.9–41.2)
Union County, North Carolina	95	NA	NA	NA
Wake County, North Carolina	162	11.6	2.7	(6.3–16.8)
Burleigh County, North Dakota	167	20.0	3.2	(13.7–26.2)
Cass County, North Dakota	226	10.3	2.1	(6.1–14.4)
Ward County, North Dakota	136	19.3	3.5	(12.4–26.1)
Cuyahoga County, Ohio	215	19.0	3.1	(12.9–25.0)
Franklin County, Ohio	170	21.0	3.7	(13.7–28.2)
Hamilton County, Ohio	217	16.0	2.7	(10.7–21.2)
Lucas County, Ohio	209	17.3	2.9	(11.6–22.9)
Mahoning County, Ohio	246	21.4	3.8	(13.9–28.8)
Montgomery County, Ohio	254	18.0	2.6	(12.9–23.0)
Stark County, Ohio	225	22.4	3.1	(16.3–28.4)
Summit County, Ohio	231	19.9	3.0	(14.0–25.7)
Cleveland County, Oklahoma	126	14.7	3.9	(7.0–22.3)
Oklahoma County, Oklahoma	465	21.2	2.2	(16.8–25.5)
Tulsa County, Oklahoma	505	21.6	2.1	(17.4–25.7)
Clackamas County, Oregon	145	13.7	3.1	(7.6–19.7)
Lane County, Oregon	180	10.9	2.5	(6.0–15.8)
Multnomah County, Oregon	260	16.8	2.4	(12.0–21.5)
Washington County, Oregon	184	7.3	1.9	(3.5–11.0)
Allegheny County, Pennsylvania	497	15.0	1.7	(11.6–18.3)
Lehigh County, Pennsylvania	80	10.4	3.2	(4.1–16.6)
Luzerne County, Pennsylvania	118	22.9	4.1	(14.8–30.9)
Montgomery County, Pennsylvania	112	4.8	1.9	(1.0–8.5)
Northampton County, Pennsylvania	98	18.4	4.3	(9.9–26.8)
Philadelphia County, Pennsylvania	450	22.3	2.2	(17.9–26.6)
Westmoreland County, Pennsylvania	125	24.8	4.3	(16.3–33.2)
Bristol County, Rhode Island	86	11.4	3.7	(4.1–18.6)
Kent County, Rhode Island	299	14.7	2.1	(10.5–18.8)
Newport County, Rhode Island	169	8.6	2.1	(4.4–12.7)
Providence County, Rhode Island	1,287	19.2	1.2	(16.8–21.5)
Washington County, Rhode Island	259	13.0	2.4	(8.2–17.7)
Aiken County, South Carolina	183	17.9	3.1	(11.8–23.9)
Beaufort County, South Carolina	305	8.8	2.0	(4.8–12.7)
Berkeley County, South Carolina	111	NA	NA	NA
Charleston County, South Carolina	245	8.7	2.4	(3.9–13.4)
Greenville County, South Carolina	191	17.5	3.4	(10.8–24.1)
Horry County, South Carolina	211	16.7	3.0	(10.8–22.5)

See footnotes on page 56.

**TABLE 12. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who have had all their natural teeth extracted, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	207	11.6	2.3	(7.0–16.1)
Minnehaha County, South Dakota	194	21.3	3.1	(15.2–27.3)
Pennington County, South Dakota	218	22.0	3.1	(15.9–28.0)
Davidson County, Tennessee	144	24.8	4.8	(15.3–34.2)
Hamilton County, Tennessee	137	33.1	4.9	(23.4–42.7)
Knox County, Tennessee	125	NA	NA	NA
Shelby County, Tennessee	134	23.5	4.1	(15.4–31.5)
Sullivan County, Tennessee	214	39.3	4.0	(31.4–47.1)
Bexar County, Texas	354	12.4	2.1	(8.2–16.5)
Dallas County, Texas	144	11.2	2.8	(5.7–16.6)
El Paso County, Texas	247	12.1	2.4	(7.3–16.8)
Fort Bend County, Texas	204	11.8	2.9	(6.1–17.4)
Harris County, Texas	393	9.3	1.6	(6.1–12.4)
Hidalgo County, Texas	183	11.6	2.7	(6.3–16.8)
Lubbock County, Texas	296	17.4	2.5	(12.5–22.3)
Midland County, Texas	208	15.3	2.8	(9.8–20.7)
Potter County, Texas	108	16.1	3.6	(9.0–23.1)
Randall County, Texas	175	9.6	2.4	(4.8–14.3)
Smith County, Texas	257	13.2	2.4	(8.4–17.9)
Tarrant County, Texas	196	14.6	2.9	(8.9–20.2)
Travis County, Texas	186	8.1	3.2	(1.8–14.3)
Val Verde County, Texas	191	15.2	3.0	(9.3–21.0)
Webb County, Texas	208	11.4	2.6	(6.3–16.4)
Wichita County, Texas	288	16.0	2.3	(11.4–20.5)
Davis County, Utah	199	9.3	2.1	(5.1–13.4)
Salt Lake County, Utah	784	14.2	1.4	(11.4–16.9)
Summit County, Utah	89	11.3	3.7	(4.0–18.5)
Tooele County, Utah	115	14.6	3.5	(7.7–21.4)
Utah County, Utah	240	8.7	2.0	(4.7–12.6)
Weber County, Utah	215	13.0	2.6	(7.9–18.0)
Chittenden County, Vermont	366	13.1	1.9	(9.3–16.8)
Franklin County, Vermont	114	25.4	4.4	(16.7–34.0)
Orange County, Vermont	94	18.9	4.4	(10.2–27.5)
Rutland County, Vermont	229	16.9	2.8	(11.4–22.3)
Washington County, Vermont	230	20.4	3.0	(14.5–26.2)
Windsor County, Vermont	244	16.3	2.5	(11.4–21.2)
Benton County, Washington	122	13.9	3.7	(6.6–21.1)
Clark County, Washington	316	13.4	2.0	(9.4–17.3)
Franklin County, Washington	55	NA	NA	NA
King County, Washington	909	7.6	0.9	(5.8–9.3)
Kitsap County, Washington	281	9.5	1.9	(5.7–13.2)
Pierce County, Washington	549	12.8	1.5	(9.8–15.7)
Snohomish County, Washington	437	12.7	1.7	(9.3–16.0)
Spokane County, Washington	394	11.8	1.7	(8.4–15.1)
Thurston County, Washington	212	9.1	2.2	(4.7–13.4)
Yakima County, Washington	245	14.2	2.3	(9.6–18.7)
Kanawha County, West Virginia	188	31.7	3.7	(24.4–38.9)
Milwaukee County, Wisconsin	320	19.0	3.3	(12.5–25.4)
Laramie County, Wyoming	312	20.5	2.5	(15.6–25.4)
Natrona County, Wyoming	229	21.1	3.1	(15.0–27.1)
Median		14.4		
Range		2.4–39.3		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was  $<50$  or if the confidence interval half width is  $>10$ .

**TABLE 13. Estimated prevalence of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,518	75.9	0.8	(74.3–77.5)
Alaska	1,888	63.7	1.8	(60.2–67.2)
Arizona	5,703	65.6	1.2	(63.2–68.0)
Arkansas	3,973	59.4	1.3	(56.8–62.0)
California	17,741	63.7	0.5	(62.7–64.7)
Colorado	11,420	60.4	0.7	(58.9–61.9)
Connecticut	6,716	70.9	0.9	(69.1–72.7)
Delaware	4,225	76.1	1.1	(74.0–78.2)
District of Columbia	3,943	77.4	0.9	(75.6–79.2)
Florida	34,819	69.7	0.6	(68.5–70.9)
Georgia	5,738	75.5	0.9	(73.8–77.2)
Hawaii	6,489	62.1	0.9	(60.3–63.9)
Idaho	6,960	56.1	0.9	(54.3–57.9)
Illinois	5,192	63.7	1.0	(61.7–65.7)
Indiana	10,121	62.8	0.8	(61.3–64.3)
Iowa	6,022	72.5	0.9	(70.8–74.2)
Kansas	8,409	71.1	0.7	(69.7–72.5)
Kentucky	7,931	63.5	1.0	(61.5–65.5)
Louisiana	6,957	75.3	0.8	(73.7–76.9)
Maine	8,085	70.2	0.7	(68.7–71.7)
Maryland	9,108	77.8	0.7	(76.4–79.2)
Massachusetts	16,199	80.0	0.5	(78.9–81.1)
Michigan	8,796	65.8	0.8	(64.3–67.3)
Minnesota	8,879	71.2	1.0	(69.3–73.1)
Mississippi	7,999	67.1	0.9	(65.4–68.8)
Missouri	5,349	63.7	1.2	(61.4–66.0)
Montana	7,240	55.7	1.0	(53.7–57.7)
Nebraska	16,180	56.8	0.9	(55.0–58.6)
Nevada	3,868	62.2	1.4	(59.4–65.0)
New Hampshire	6,009	70.8	0.9	(69.1–72.5)
New Jersey	12,292	77.0	0.6	(75.8–78.2)
New Mexico	6,905	62.1	1.0	(60.2–64.0)
New York	8,870	73.0	0.7	(71.7–74.3)
North Carolina	11,970	74.5	0.7	(73.1–75.9)
North Dakota	4,726	64.5	1.1	(62.4–66.6)
Ohio	9,738	70.1	0.8	(68.6–71.6)
Oklahoma	7,563	57.1	0.8	(55.5–58.7)
Oregon	4,934	53.8	1.1	(51.7–55.9)
Pennsylvania	11,163	68.8	0.7	(67.5–70.1)
Rhode Island	6,565	78.8	0.9	(77.0–80.6)
South Carolina	9,260	66.2	1.0	(64.2–68.2)
South Dakota	6,663	67.5	1.0	(65.6–69.4)
Tennessee	5,712	78.2	1.0	(76.3–80.1)
Texas	17,893	61.1	0.8	(59.6–62.6)
Utah	9,986	58.6	0.8	(57.1–60.1)
Vermont	6,748	64.5	0.8	(62.8–66.2)
Virginia	5,336	73.3	1.3	(70.7–75.9)
Washington	19,292	60.3	0.6	(59.2–61.4)
West Virginia	4,350	73.9	1.0	(72.0–75.8)
Wisconsin	4,750	68.5	1.1	(66.3–70.7)
Wyoming	5,780	57.0	1.0	(55.1–58.9)
Guam	776	60.2	2.2	(55.8–64.6)
Puerto Rico	3,491	78.8	1.0	(76.8–80.8)
Virgin Islands	1,802	66.0	1.6	(62.9–69.1)
Median		66.7		
Range		53.8–80.0		

Abbreviations: SE = standard error; CI = confidence interval.

**TABLE 14. Estimated prevalence of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	802	68.6	2.8	(63.2–74.0)
Albuquerque, New Mexico	2,173	65.2	1.6	(62.0–68.4)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,084	69.9	2.1	(65.7–74.1)
Amarillo, Texas	820	61.0	2.6	(55.8–66.2)
Arcadia, Florida	501	60.2	4.3	(51.7–68.7)
Asheville, North Carolina	539	74.4	2.9	(68.7–80.1)
Atlanta-Sandy Springs-Marietta, Georgia	2,332	75.7	1.6	(72.5–78.9)
Atlantic City, New Jersey	909	76.0	2.1	(71.9–80.1)
Augusta-Richmond County, Georgia-South Carolina	860	77.0	2.0	(73.0–81.0)
Augusta-Waterville, Maine	647	70.5	2.5	(65.5–75.5)
Austin-Round Rock, Texas	973	65.2	3.3	(58.7–71.7)
Baltimore-Towson, Maryland	3,318	78.5	1.1	(76.4–80.6)
Bangor, Maine	690	70.7	2.5	(65.9–75.5)
Barre, Vermont	666	62.7	2.6	(57.7–67.7)
Baton Rouge, Louisiana	1,187	77.2	1.7	(73.8–80.6)
Bethesda-Gaithersburg-Frederick, Maryland*	1,635	75.4	1.5	(72.4–78.4)
Billings, Montana	532	59.5	3.1	(53.5–65.5)
Birmingham-Hoover, Alabama	1,183	77.6	1.8	(74.0–81.2)
Bismarck, North Dakota	767	60.4	2.5	(55.5–65.3)
Boise City-Nampa, Idaho	1,658	56.9	1.8	(53.3–60.5)
Boston-Quincy, Massachusetts*	3,289	82.6	1.1	(80.4–84.8)
Bremerton-Silverdale, Washington	901	61.1	2.2	(56.7–65.5)
Bridgeport-Stamford-Norwalk, Connecticut	2,161	68.0	1.8	(64.5–71.5)
Buffalo-Cheektowaga-Tonawanda, New York	607	75.9	2.9	(70.2–81.6)
Burlington-South Burlington, Vermont	1,987	62.4	1.6	(59.3–65.5)
Cambridge-Newton-Framingham, Massachusetts*	3,015	77.5	1.4	(74.7–80.3)
Camden, New Jersey*	1,673	77.5	1.5	(74.6–80.4)
Canton-Massillon, Ohio	741	64.7	2.6	(59.5–69.9)
Cape Coral-Fort Myers, Florida	516	69.7	4.0	(61.8–77.6)
Casper, Wyoming	761	54.1	2.6	(49.1–59.1)
Cedar Rapids, Iowa	551	74.2	2.6	(69.1–79.3)
Charleston, West Virginia	754	77.5	2.3	(73.0–82.0)
Charleston-North Charleston, South Carolina	1,133	65.0	2.8	(59.5–70.5)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,688	72.0	1.8	(68.5–75.5)
Chattanooga, Tennessee-Georgia	536	77.4	3.2	(71.1–83.7)
Cheyenne, Wyoming	906	61.3	2.3	(56.9–65.7)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	5,001	65.4	1.2	(63.1–67.7)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,778	69.5	1.8	(65.9–73.1)
Cleveland-Elyria-Mentor, Ohio	1,091	72.3	2.1	(68.2–76.4)
Coeur d'Alene, Idaho	562	56.3	3.2	(50.0–62.6)
Colorado Springs, Colorado	1,142	64.1	2.0	(60.2–68.0)
Columbia, South Carolina	1,122	68.2	2.5	(63.3–73.1)
Columbus, Ohio	1,374	71.2	1.9	(67.5–74.9)
Concord, New Hampshire	641	67.8	2.9	(62.0–73.6)
Dallas-Plano-Irving, Texas*	710	61.0	2.9	(55.3–66.7)
Dayton, Ohio	843	70.2	2.5	(65.2–75.2)
Del Rio, Texas	554	71.2	3.7	(64.0–78.4)
Deltona-Daytona Beach-Ormond Beach, Florida	853	65.2	2.9	(59.6–70.8)
Denver-Aurora, Colorado	4,753	60.9	1.0	(58.8–63.0)
Des Moines-West Des Moines, Iowa	991	73.5	1.9	(69.9–77.1)
Detroit-Livonia-Dearborn, Michigan*	1,902	67.8	1.9	(64.1–71.5)
Dover, Delaware	1,251	78.2	1.9	(74.4–82.0)
Durham, North Carolina	1,029	76.6	2.2	(72.3–80.9)
Edison, New Jersey*	2,247	79.2	1.3	(76.6–81.8)
El Paso, Texas	861	53.1	2.5	(48.2–58.0)
Eugene-Springfield, Oregon	498	49.5	3.3	(43.0–56.0)
Evansville, Indiana-Kentucky	528	71.6	3.1	(65.5–77.7)
Fargo, North Dakota-Minnesota	827	73.7	3.0	(67.8–79.6)
Farmington, New Mexico	681	54.8	2.8	(49.2–60.4)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	695	56.4	3.3	(50.0–62.8)
Fort Collins-Loveland, Colorado	553	57.0	3.5	(50.1–63.9)
Fort Wayne, Indiana	713	57.5	2.5	(52.6–62.4)
Fort Worth-Arlington, Texas*	735	64.5	2.8	(59.0–70.0)

See footnotes on page 61.



**TABLE 14. (Continued) Estimated prevalence of adults aged ≥18 years who visited a doctor for a routine checkup during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	947	53.2	3.7	(46.0–60.4)
Grand Island, Nebraska	854	52.2	2.4	(47.4–57.0)
Grand Rapids-Wyoming, Michigan	618	61.9	2.9	(56.1–67.7)
Greensboro-High Point, North Carolina	1,146	67.5	2.5	(62.5–72.5)
Greenville, South Carolina	757	62.7	3.2	(56.5–68.9)
Hagerstown-Martinsburg, Maryland-West Virginia	638	67.5	3.0	(61.7–73.3)
Hartford-West Hartford-East Hartford, Connecticut	2,007	72.9	1.6	(69.7–76.1)
Hastings, Nebraska	576	57.0	3.2	(50.7–63.3)
Helena, Montana	636	58.0	2.9	(52.3–63.7)
Hickory-Morganton-Lenoir, North Carolina	596	78.5	2.3	(74.0–83.0)
Hilo, Hawaii	1,462	58.5	1.8	(54.9–62.1)
Hilton Head Island-Beaufort, South Carolina	797	70.3	2.6	(65.3–75.3)
Homosassa Springs, Florida	532	72.9	2.9	(67.2–78.6)
Honolulu, Hawaii	2,937	64.0	1.2	(61.6–66.4)
Houston-Sugar Land-Baytown, Texas	2,723	61.7	1.7	(58.4–65.0)
Huntington-Ashland, West Virginia-Kentucky-Ohio	648	70.2	2.8	(64.7–75.7)
Idaho Falls, Idaho	661	57.5	2.6	(52.4–62.6)
Indianapolis-Carmel, Indiana	2,242	67.5	1.6	(64.4–70.6)
Jackson, Mississippi	756	71.7	2.4	(67.0–76.4)
Jacksonville, Florida	2,573	69.5	2.1	(65.5–73.5)
Kahului-Wailuku, Hawaii	1,453	55.7	2.1	(51.6–59.8)
Kalispell, Montana	694	54.2	2.6	(49.2–59.2)
Kansas City, Missouri-Kansas	3,329	69.2	1.4	(66.5–71.9)
Kapaa, Hawaii	637	56.2	2.9	(50.5–61.9)
Kennewick-Richland-Pasco, Washington	634	63.9	2.7	(58.7–69.1)
Key West-Marathon, Florida	503	67.0	3.1	(60.9–73.1)
Kingsport-Bristol, Tennessee-Virginia	648	75.3	3.6	(68.3–82.3)
Knoxville, Tennessee	527	78.5	2.8	(73.0–84.0)
Lake City, Florida	564	66.1	3.3	(59.7–72.5)
Lakeland-Winter Haven, Florida	516	65.1	3.2	(58.9–71.3)
Laredo, Texas	910	53.9	2.2	(49.5–58.3)
Las Cruces, New Mexico	495	63.6	3.5	(56.7–70.5)
Las Vegas-Paradise, Nevada	1,257	62.4	1.9	(58.7–66.1)
Lebanon, New Hampshire-Vermont	1,546	68.4	1.7	(65.0–71.8)
Lewiston, Idaho-Washington	598	59.3	2.9	(53.6–65.0)
Lewiston-Auburn, Maine	498	70.9	2.8	(65.4–76.4)
Lincoln, Nebraska	1,126	54.8	2.6	(49.8–59.8)
Little Rock-North Little Rock, Arkansas	813	60.9	2.9	(55.2–66.6)
Los Angeles-Long Beach-Glendale, California*	2,608	65.8	1.3	(63.3–68.3)
Louisville, Kentucky-Indiana	898	59.7	2.4	(55.0–64.4)
Lubbock, Texas	776	64.4	2.9	(58.7–70.1)
Manchester-Nashua, New Hampshire	1,414	71.3	1.8	(67.8–74.8)
McAllen-Edinburg-Mission, Texas	588	50.9	2.8	(45.3–56.5)
Memphis, Tennessee-Mississippi-Arkansas	1,150	75.8	2.8	(70.3–81.3)
Miami-Fort Lauderdale-Miami Beach, Florida	1,025	64.7	2.3	(60.1–69.3)
Midland, Texas	522	59.9	3.1	(53.8–66.0)
Milwaukee-Waukesha-West Allis, Wisconsin	1,524	72.2	2.2	(67.8–76.6)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,825	71.6	1.3	(69.0–74.2)
Minot, North Dakota	553	69.2	2.7	(64.0–74.4)
Mobile, Alabama	671	74.4	2.9	(68.8–80.0)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	552	64.2	3.1	(58.1–70.3)
Naples-Marco Island, Florida	518	70.8	3.2	(64.5–77.1)
Nashville-Davidson-Murfreesboro, Tennessee	823	80.5	2.2	(76.2–84.8)
Nassau-Suffolk, New York*	1,064	73.3	1.9	(69.7–76.9)
Newark-Union, New Jersey-Pennsylvania*	3,301	76.0	1.2	(73.7–78.3)
New Haven-Milford, Connecticut	1,659	69.7	1.9	(65.9–73.5)
New Orleans-Metairie-Kenner, Louisiana	1,521	72.8	1.9	(69.2–76.4)
New York-White Plains-Wayne, New York-New Jersey*	6,132	75.2	0.9	(73.5–76.9)
Norfolk, Nebraska	667	60.3	2.8	(54.9–65.7)
North Platte, Nebraska	572	57.5	3.1	(51.4–63.6)
North Port-Bradenton-Sarasota, Florida	1,126	69.6	2.4	(64.8–74.0)
Ocala, Florida	585	65.3	3.2	(59.1–71.5)
Ocean City, New Jersey	514	81.6	2.4	(76.8–86.4)

See footnotes on page 61.

**TABLE 14. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,661	61.9	1.7	(58.6–65.2)
Oklahoma City, Oklahoma	2,419	57.4	1.4	(54.7–60.1)
Olympia, Washington	763	58.0	2.5	(53.1–62.9)
Omaha-Council Bluffs, Nebraska-Iowa	2,337	60.1	1.5	(57.1–63.1)
Orlando-Kissimmee, Florida	2,659	68.3	1.5	(65.3–71.3)
Palm Bay-Melbourne-Titusville, Florida	525	64.9	3.0	(59.0–70.8)
Panama City-Lynn Haven, Florida	540	62.8	3.5	(56.0–69.6)
Peabody, Massachusetts	2,099	80.6	1.7	(77.0–83.7)
Pensacola-Ferry Pass-Brent, Florida	1,009	65.2	2.5	(60.4–70.0)
Philadelphia, Pennsylvania*	2,357	68.6	1.6	(65.5–71.7)
Phoenix-Mesa-Scottsdale, Arizona	1,678	66.8	1.9	(63.0–70.6)
Pittsburgh, Pennsylvania	2,405	67.7	1.4	(64.9–70.5)
Portland-South Portland-Biddeford, Maine	2,618	71.6	1.3	(69.1–74.1)
Portland-Vancouver-Beaverton, Oregon-Washington	3,320	52.1	1.4	(49.3–54.9)
Port St. Lucie-Fort Pierce, Florida	1,015	70.6	2.5	(65.7–75.5)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,468	79.4	0.8	(77.7–81.1)
Provo-Orem, Utah	1,154	53.8	2.3	(49.3–58.3)
Raleigh-Cary, North Carolina	1,016	75.6	2.0	(71.7–79.5)
Rapid City, South Dakota	842	64.7	2.2	(60.5–68.9)
Reno-Sparks, Nevada	1,315	61.9	1.8	(58.3–65.5)
Richmond, Virginia	792	75.5	2.9	(69.9–81.1)
Riverside-San Bernardino-Ontario, California	1,877	63.1	1.6	(59.9–66.3)
Rochester, New York	561	65.2	3.0	(59.4–71.0)
Rockingham County-Strafford County, New Hampshire*	1,605	72.8	1.6	(69.7–75.9)
Rutland, Vermont	657	65.0	2.5	(60.1–69.9)
Sacramento-Arden-Arcade-Roseville, California	1,291	64.6	2.1	(60.5–68.7)
St. Louis, Missouri-Illinois	1,737	64.9	2.1	(60.8–69.0)
Salt Lake City, Utah	4,262	58.4	1.1	(56.3–60.5)
San Antonio, Texas	1,127	61.3	2.3	(56.7–65.9)
San Diego-Carlsbad-San Marcos, California	1,695	60.1	1.7	(56.8–63.4)
San Francisco-Oakland-Fremont, California	2,354	65.7	1.4	(63.0–68.4)
San Jose-Sunnyvale-Santa Clara, California	910	63.9	2.2	(59.6–68.2)
Santa Ana-Anaheim-Irvine, California*	1,444	63.6	1.8	(60.1–67.1)
Santa Fe, New Mexico	608	57.5	2.9	(51.8–63.2)
Scottsbluff, Nebraska	745	53.8	2.8	(48.4–59.2)
Scranton-Wilkes-Barre, Pennsylvania	555	68.8	3.0	(63.0–74.6)
Seaford, Delaware	1,236	80.2	1.9	(76.4–84.0)
Seattle-Bellevue-Everett, Washington*	4,630	61.6	1.0	(59.6–63.6)
Sebring, Florida	518	67.0	3.2	(60.8–73.2)
Shreveport-Bossier City, Louisiana	678	77.2	2.4	(72.6–81.8)
Sioux City, Iowa-Nebraska-South Dakota	1,209	66.5	3.0	(60.7–72.3)
Sioux Falls, South Dakota	835	72.3	2.2	(68.0–76.6)
Spokane, Washington	1,196	63.6	2.0	(59.6–67.6)
Springfield, Massachusetts	2,036	75.8	2.2	(71.4–80.2)
Tacoma, Washington*	1,694	65.2	1.6	(62.1–68.3)
Tallahassee, Florida	2,036	69.5	2.5	(64.5–74.5)
Tampa-St. Petersburg-Clearwater, Florida	2,022	70.6	1.9	(66.8–74.4)
Toledo, Ohio	854	70.4	2.6	(65.3–75.5)
Topeka, Kansas	823	73.5	2.2	(69.3–77.7)
Trenton-Ewing, New Jersey	497	75.3	2.8	(69.7–80.9)
Tucson, Arizona	690	62.9	3.1	(56.8–69.0)
Tulsa, Oklahoma	2,106	58.5	1.5	(55.5–61.5)
Tuscaloosa, Alabama	513	74.4	3.2	(68.1–80.7)
Twin Falls, Idaho	537	56.9	3.1	(50.8–63.0)
Tyler, Texas	670	64.5	3.3	(58.0–71.0)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,100	76.4	2.5	(71.5–81.3)
Warren-Troy-Farmington Hills, Michigan*	1,793	68.6	1.8	(65.1–72.1)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	6,388	75.7	1.7	(72.4–79.0)
Wauchula, Florida	526	61.8	3.8	(54.3–69.3)
West Palm Beach-Boca Raton-Boynton Beach, Florida*	549	75.1	2.9	(69.4–80.8)
Wichita, Kansas	1,831	70.7	1.6	(67.6–73.8)
Wichita Falls, Texas	824	61.0	2.9	(55.3–66.7)
Wilmington, Delaware-Maryland-New Jersey*	2,195	73.9	1.4	(71.2–76.6)

See footnotes on page 61.

**TABLE 14. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	2,093	80.9	1.6	(77.7–84.1)
Yakima, Washington	731	57.4	2.8	(52.0–62.8)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,049	68.6	2.9	(62.9–74.3)
Median		67.0		
Range		49.5–82.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 15. Estimated prevalence of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	592	80.1	2.4	(75.3–84.9)
Mobile County, Alabama	671	74.4	2.9	(68.8–80.0)
Tuscaloosa County, Alabama	431	72.5	3.5	(65.7–79.3)
Maricopa County, Arizona	1,291	66.5	2.0	(62.5–70.5)
Pima County, Arizona	690	62.9	3.1	(56.8–69.0)
Pinal County, Arizona	387	69.2	4.3	(60.7–77.7)
Benton County, Arkansas	360	62.3	4.0	(54.5–70.1)
Pulaski County, Arkansas	552	63.7	3.7	(56.4–71.0)
Washington County, Arkansas	295	55.1	4.6	(46.1–64.1)
Alameda County, California	756	67.5	2.2	(63.2–71.8)
Contra Costa County, California	629	67.5	2.7	(62.2–72.8)
Los Angeles County, California	2,608	65.8	1.3	(63.3–68.3)
Orange County, California	1,444	63.6	1.8	(60.1–67.1)
Placer County, California	254	64.5	4.1	(56.4–72.6)
Riverside County, California	931	62.1	2.3	(57.7–66.5)
Sacramento County, California	750	65.8	2.4	(61.2–70.4)
San Bernardino County, California	946	64.0	2.3	(59.5–68.5)
San Diego County, California	1,695	60.1	1.7	(56.8–63.4)
San Francisco County, California	386	66.6	3.2	(60.3–72.9)
San Mateo County, California	384	63.2	3.3	(56.8–69.6)
Santa Clara County, California	872	64.6	2.2	(60.2–69.0)
Adams County, Colorado	792	57.0	2.6	(51.9–62.1)
Arapahoe County, Colorado	858	64.2	2.3	(59.7–68.7)
Denver County, Colorado	860	57.9	2.4	(53.2–62.6)
Douglas County, Colorado	570	65.5	2.7	(60.3–70.7)
El Paso County, Colorado	1,013	64.4	2.1	(60.3–68.5)
Jefferson County, Colorado	1,151	59.7	2.1	(55.5–63.9)
Larimer County, Colorado	553	57.0	3.5	(50.1–63.9)
Fairfield County, Connecticut	2,161	68.0	1.8	(64.5–71.5)
Hartford County, Connecticut	1,492	73.3	1.8	(69.8–76.8)
Middlesex County, Connecticut	263	70.3	3.7	(63.1–77.5)
New Haven County, Connecticut	1,659	69.7	1.9	(65.9–73.5)
Tolland County, Connecticut	252	72.7	3.8	(65.3–80.1)
Kent County, Delaware	1,251	78.2	1.9	(74.4–82.0)
New Castle County, Delaware	1,738	73.8	1.6	(70.7–76.9)
Sussex County, Delaware	1,236	80.2	1.9	(76.4–84.0)
District of Columbia, District of Columbia	3,943	76.4	1.1	(74.2–78.6)
Alachua County, Florida	532	52.9	3.8	(45.5–60.3)
Baker County, Florida	506	69.7	4.2	(61.4–78.0)
Bay County, Florida	540	62.8	3.5	(56.0–69.6)
Brevard County, Florida	525	64.9	3.0	(59.0–70.8)
Broward County, Florida	523	66.9	3.0	(61.0–72.8)
Citrus County, Florida	532	72.9	2.9	(67.2–78.6)
Clay County, Florida	481	62.3	3.1	(56.3–68.3)
Collier County, Florida	518	70.8	3.2	(64.5–77.1)
Columbia County, Florida	564	66.1	3.3	(59.7–72.5)
DeSoto County, Florida	501	60.2	4.3	(51.7–68.7)
Duval County, Florida	549	72.7	2.8	(67.2–78.2)
Escambia County, Florida	516	63.7	3.4	(57.0–70.4)
Gadsden County, Florida	509	75.0	3.0	(69.1–80.9)
Gilchrist County, Florida	415	NA*	NA	NA
Hardee County, Florida	526	61.8	3.8	(54.3–69.3)
Hernando County, Florida	487	69.0	3.4	(62.4–75.6)
Highlands County, Florida	518	67.0	3.2	(60.8–73.2)
Hillsborough County, Florida	506	68.0	3.2	(61.8–74.2)
Jefferson County, Florida	497	66.5	4.1	(58.6–74.4)
Lake County, Florida	606	76.9	2.8	(71.5–82.3)
Lee County, Florida	516	69.7	4.0	(61.8–77.6)
Leon County, Florida	496	68.3	3.4	(61.7–74.9)
Manatee County, Florida	524	68.6	3.5	(61.8–75.4)
Marion County, Florida	585	65.3	3.2	(59.1–71.5)
Martin County, Florida	517	71.3	2.9	(65.6–77.0)
Miami-Dade County, Florida	502	65.9	3.2	(59.6–72.2)

See footnotes on page 66.

**TABLE 15. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	503	67.0	3.1	(60.9–73.1)
Nassau County, Florida	519	NA	NA	NA
Orange County, Florida	1,003	69.8	2.2	(65.4–74.2)
Osceola County, Florida	564	60.9	3.3	(54.5–67.3)
Palm Beach County, Florida	549	75.1	2.9	(69.4–80.8)
Pasco County, Florida	537	65.8	3.6	(58.8–72.8)
Pinellas County, Florida	492	76.4	3.1	(70.3–82.5)
Polk County, Florida	516	65.1	3.2	(58.9–71.3)
St. Johns County, Florida	518	71.3	2.9	(65.6–77.0)
St. Lucie County, Florida	498	70.7	3.1	(64.6–76.8)
Santa Rosa County, Florida	493	68.7	3.1	(62.7–74.7)
Sarasota County, Florida	605	70.5	3.1	(64.5–76.5)
Seminole County, Florida	486	61.5	3.2	(55.2–67.8)
Volusia County, Florida	853	65.2	2.9	(59.6–70.8)
Wakulla County, Florida	534	66.1	3.7	(58.9–73.3)
Cobb County, Georgia	252	74.6	3.6	(67.5–81.7)
DeKalb County, Georgia	341	79.3	3.1	(73.3–85.3)
Fulton County, Georgia	325	76.5	3.5	(69.7–83.3)
Gwinnett County, Georgia	250	73.3	3.7	(66.0–80.6)
Hawaii County, Hawaii	1,462	58.5	1.8	(54.9–62.1)
Honolulu County, Hawaii	2,937	64.0	1.2	(61.6–66.4)
Kauai County, Hawaii	637	56.2	2.9	(50.5–61.9)
Maui County, Hawaii	1,453	55.7	2.1	(51.6–59.8)
Ada County, Idaho	863	59.7	2.6	(54.6–64.8)
Bonneville County, Idaho	518	59.5	2.9	(53.9–65.1)
Canyon County, Idaho	617	53.0	2.8	(47.5–58.5)
Kootenai County, Idaho	562	56.3	3.2	(50.0–62.6)
Nez Perce County, Idaho	380	56.7	3.5	(49.9–63.5)
Twin Falls County, Idaho	431	57.0	3.3	(50.5–63.5)
Cook County, Illinois	2,883	69.0	1.3	(66.4–71.6)
DuPage County, Illinois	256	53.7	3.9	(46.1–61.3)
Allen County, Indiana	579	55.9	2.8	(50.4–61.4)
Lake County, Indiana	991	61.3	3.0	(55.4–67.2)
Marion County, Indiana	1,456	71.5	2.1	(67.4–75.6)
Linn County, Iowa	489	73.6	2.8	(68.1–79.1)
Polk County, Iowa	758	71.3	2.3	(66.8–75.8)
Johnson County, Kansas	1,393	75.5	1.5	(72.5–78.5)
Sedgwick County, Kansas	1,421	70.6	1.7	(67.2–74.0)
Shawnee County, Kansas	616	73.3	2.7	(68.1–78.5)
Wyandotte County, Kansas	594	66.8	3.2	(60.6–73.0)
Jefferson County, Kentucky	400	58.3	3.4	(51.7–64.9)
Caddo Parish, Louisiana	442	77.1	2.7	(71.8–82.4)
East Baton Rouge Parish, Louisiana	717	79.6	2.2	(75.2–84.0)
Jefferson Parish, Louisiana	591	71.6	2.7	(66.2–77.0)
Orleans Parish, Louisiana	374	76.2	3.2	(69.9–82.5)
St. Tammany Parish, Louisiana	367	70.1	4.0	(62.3–77.9)
Androscoggin County, Maine	498	70.9	2.8	(65.4–76.4)
Cumberland County, Maine	1,382	72.0	1.8	(68.5–75.5)
Kennebec County, Maine	647	70.5	2.5	(65.5–75.5)
Penobscot County, Maine	690	70.7	2.5	(65.9–75.5)
Sagadahoc County, Maine	297	72.8	3.2	(66.5–79.1)
York County, Maine	939	71.2	2.0	(67.2–75.2)
Anne Arundel County, Maryland	597	76.5	2.6	(71.5–81.5)
Baltimore County, Maryland	1,049	81.5	1.6	(78.3–84.7)
Cecil County, Maryland	267	73.1	3.7	(65.8–80.4)
Charles County, Maryland	346	81.0	3.1	(75.0–87.0)
Frederick County, Maryland	575	71.0	2.6	(65.9–76.1)
Harford County, Maryland	279	79.2	3.0	(73.4–85.0)
Howard County, Maryland	340	77.4	2.8	(72.0–82.8)
Montgomery County, Maryland	1,060	76.5	1.8	(73.0–80.0)
Prince George's County, Maryland	791	80.4	2.0	(76.5–84.3)
Queen Anne's County, Maryland	293	73.0	3.5	(66.1–79.9)
Washington County, Maryland	401	69.7	3.2	(63.3–76.1)

See footnotes on page 66.

**TABLE 15. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	529	78.0	2.7	(72.7–83.3)
Bristol County, Massachusetts	2,903	81.0	1.9	(77.3–84.7)
Essex County, Massachusetts	2,127	81.3	1.7	(77.9–84.7)
Hampden County, Massachusetts	1,580	79.8	1.9	(76.1–83.5)
Hampshire County, Massachusetts	274	73.7	4.4	(65.1–82.3)
Middlesex County, Massachusetts	3,015	77.9	1.4	(75.2–80.6)
Norfolk County, Massachusetts	856	83.3	1.8	(79.8–86.8)
Plymouth County, Massachusetts	684	85.3	2.0	(81.3–89.3)
Suffolk County, Massachusetts	1,749	79.4	1.8	(75.8–83.0)
Worcester County, Massachusetts	2,093	80.9	1.6	(77.7–84.1)
Kent County, Michigan	441	62.5	3.4	(55.7–69.3)
Macomb County, Michigan	514	73.1	2.7	(67.9–78.3)
Oakland County, Michigan	932	68.0	2.4	(63.4–72.6)
Wayne County, Michigan	1,902	67.8	1.9	(64.1–71.5)
Anoka County, Minnesota	393	75.7	3.2	(69.5–81.9)
Dakota County, Minnesota	564	75.4	2.7	(70.1–80.7)
Hennepin County, Minnesota	2,037	73.6	2.0	(69.7–77.5)
Ramsey County, Minnesota	912	67.5	3.7	(60.3–74.7)
Washington County, Minnesota	257	72.7	3.9	(65.1–80.3)
DeSoto County, Mississippi	368	57.3	3.9	(49.6–65.0)
Hinds County, Mississippi	339	75.6	3.3	(69.2–82.0)
Jackson County, Missouri	523	68.2	2.8	(62.7–73.7)
St. Louis County, Missouri	597	65.8	3.5	(59.0–72.6)
St. Louis city, Missouri	642	68.6	3.9	(60.9–76.3)
Flathead County, Montana	694	54.2	2.6	(49.2–59.2)
Lewis and Clark County, Montana	529	57.6	2.9	(52.0–63.2)
Yellowstone County, Montana	482	60.2	3.2	(53.9–66.5)
Adams County, Nebraska	469	58.3	3.5	(51.4–65.2)
Dakota County, Nebraska	732	54.8	2.5	(49.9–59.7)
Douglas County, Nebraska	941	58.2	2.3	(53.7–62.7)
Hall County, Nebraska	583	51.6	3.0	(45.8–57.4)
Lancaster County, Nebraska	845	55.1	2.7	(49.8–60.4)
Lincoln County, Nebraska	541	58.3	3.2	(52.0–64.6)
Madison County, Nebraska	460	61.9	3.4	(55.2–68.6)
Sarpy County, Nebraska	575	59.3	3.1	(53.2–65.4)
Scotts Bluff County, Nebraska	722	52.1	2.8	(46.6–57.6)
Seward County, Nebraska	281	52.1	4.2	(43.9–60.3)
Clark County, Nevada	1,257	62.4	1.9	(58.7–66.1)
Washoe County, Nevada	1,295	62.0	1.8	(58.4–65.6)
Grafton County, New Hampshire	512	72.3	2.9	(66.6–78.0)
Hillsborough County, New Hampshire	1,414	71.3	1.8	(67.8–74.8)
Merrimack County, New Hampshire	641	67.8	2.9	(62.0–73.6)
Rockingham County, New Hampshire	1,020	74.0	1.9	(70.3–77.7)
Strafford County, New Hampshire	585	69.4	2.8	(64.0–74.8)
Atlantic County, New Jersey	909	76.0	2.1	(71.9–80.1)
Bergen County, New Jersey	618	74.3	2.5	(69.4–79.2)
Burlington County, New Jersey	559	78.9	2.5	(74.1–83.7)
Camden County, New Jersey	594	74.7	2.6	(69.5–79.9)
Cape May County, New Jersey	514	81.6	2.4	(76.8–86.4)
Essex County, New Jersey	1,022	78.0	1.8	(74.4–81.6)
Gloucester County, New Jersey	520	75.7	2.7	(70.3–81.1)
Hudson County, New Jersey	1,088	75.8	1.8	(72.3–79.3)
Hunterdon County, New Jersey	508	74.9	2.5	(70.0–79.8)
Mercer County, New Jersey	497	75.3	2.8	(69.7–80.9)
Middlesex County, New Jersey	624	80.4	2.2	(76.1–84.7)
Monmouth County, New Jersey	560	78.9	2.4	(74.2–83.6)
Morris County, New Jersey	697	72.6	2.4	(68.0–77.2)
Ocean County, New Jersey	532	79.9	2.4	(75.2–84.6)
Passaic County, New Jersey	495	74.3	2.8	(68.7–79.9)
Somerset County, New Jersey	531	77.9	2.2	(73.6–82.2)
Sussex County, New Jersey	499	74.8	2.5	(69.8–79.8)
Union County, New Jersey	517	75.9	2.6	(70.8–81.0)
Warren County, New Jersey	478	75.5	2.7	(70.3–80.7)

See footnotes on page 66.



**TABLE 15. (Continued) Estimated prevalence of adults aged ≥18 years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,249	67.8	2.0	(63.8–71.8)
Dona Ana County, New Mexico	495	63.6	3.5	(56.7–70.5)
Sandoval County, New Mexico	519	58.2	3.5	(51.4–65.0)
San Juan County, New Mexico	681	54.8	2.8	(49.2–60.4)
Santa Fe County, New Mexico	608	57.5	2.9	(51.8–63.2)
Valencia County, New Mexico	347	60.7	3.8	(53.3–68.1)
Bronx County, New York	428	73.3	3.2	(67.1–79.5)
Erie County, New York	477	79.6	2.7	(74.3–84.9)
Kings County, New York	897	77.6	1.9	(73.9–81.3)
Monroe County, New York	379	66.3	3.4	(59.6–73.0)
Nassau County, New York	475	75.2	2.7	(69.9–80.5)
New York County, New York	1,031	73.9	2.1	(69.8–78.0)
Queens County, New York	795	77.1	2.2	(72.7–81.5)
Suffolk County, New York	589	71.2	2.6	(66.1–76.3)
Westchester County, New York	382	71.3	3.1	(65.2–77.4)
Buncombe County, North Carolina	260	71.2	4.0	(63.4–79.0)
Cabarrus County, North Carolina	305	66.2	3.7	(58.9–73.5)
Catawba County, North Carolina	290	76.8	3.4	(70.1–83.5)
Durham County, North Carolina	619	78.1	2.5	(73.2–83.0)
Gaston County, North Carolina	264	67.6	4.1	(59.6–75.6)
Guilford County, North Carolina	690	67.6	2.8	(62.1–73.1)
Johnston County, North Carolina	273	78.7	3.2	(72.4–85.0)
Mecklenburg County, North Carolina	601	77.7	2.4	(73.1–82.3)
Orange County, North Carolina	296	69.9	4.0	(62.0–77.8)
Randolph County, North Carolina	393	62.5	3.6	(55.5–69.5)
Union County, North Carolina	343	71.5	3.6	(64.4–78.6)
Wake County, North Carolina	706	75.4	2.5	(70.6–80.2)
Burleigh County, North Dakota	559	57.6	3.2	(51.3–63.9)
Cass County, North Dakota	773	69.4	2.7	(64.1–74.7)
Ward County, North Dakota	462	70.9	2.9	(65.2–76.6)
Cuyahoga County, Ohio	714	73.7	2.3	(69.2–78.2)
Franklin County, Ohio	676	71.0	2.7	(65.8–76.2)
Hamilton County, Ohio	719	70.8	2.5	(65.9–75.7)
Lucas County, Ohio	722	73.3	2.3	(68.7–77.9)
Mahoning County, Ohio	719	71.5	2.8	(66.1–76.9)
Montgomery County, Ohio	694	70.5	2.7	(65.3–75.7)
Stark County, Ohio	710	65.1	2.6	(59.9–70.3)
Summit County, Ohio	698	70.3	2.8	(64.8–75.8)
Cleveland County, Oklahoma	425	54.0	3.2	(47.7–60.3)
Oklahoma County, Oklahoma	1,403	58.5	1.8	(55.0–62.0)
Tulsa County, Oklahoma	1,494	59.9	1.7	(56.5–63.3)
Clackamas County, Oregon	438	57.6	3.2	(51.3–63.9)
Lane County, Oregon	498	49.5	3.3	(43.0–56.0)
Multnomah County, Oregon	798	50.1	2.6	(45.1–55.1)
Washington County, Oregon	572	53.4	2.9	(47.7–59.1)
Allegheny County, Pennsylvania	1,372	65.3	1.9	(61.6–69.0)
Lehigh County, Pennsylvania	283	65.7	3.4	(59.1–72.3)
Luzerne County, Pennsylvania	313	65.9	3.8	(58.4–73.4)
Montgomery County, Pennsylvania	346	63.7	3.6	(56.6–70.8)
Northampton County, Pennsylvania	257	63.6	4.9	(53.9–73.3)
Philadelphia County, Pennsylvania	1,397	74.9	1.8	(71.4–78.4)
Westmoreland County, Pennsylvania	336	71.9	3.3	(65.4–78.4)
Bristol County, Rhode Island	276	78.1	3.6	(71.1–85.1)
Kent County, Rhode Island	933	80.2	1.9	(76.5–83.9)
Newport County, Rhode Island	482	76.9	3.0	(71.0–82.8)
Providence County, Rhode Island	4,130	79.3	1.1	(77.1–81.5)
Washington County, Rhode Island	744	79.3	2.5	(74.5–84.1)
Aiken County, South Carolina	466	70.6	2.8	(65.1–76.1)
Beaufort County, South Carolina	675	71.2	2.7	(65.9–76.5)
Berkeley County, South Carolina	352	NA	NA	NA
Charleston County, South Carolina	664	68.3	3.3	(61.9–74.7)
Greenville County, South Carolina	483	65.9	3.6	(58.8–73.0)
Horry County, South Carolina	552	64.2	3.1	(58.2–70.2)

See footnotes on page 66.

**TABLE 15. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who visited a doctor for a routine checkup during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	653	70.2	3.5	(63.3–77.1)
Minnehaha County, South Dakota	602	74.8	2.5	(69.9–79.7)
Pennington County, South Dakota	663	66.4	2.5	(61.5–71.3)
Davidson County, Tennessee	414	81.3	3.0	(75.5–87.1)
Hamilton County, Tennessee	386	80.0	3.4	(73.3–86.7)
Knox County, Tennessee	368	80.3	3.1	(74.3–86.3)
Shelby County, Tennessee	393	81.7	3.4	(74.9–88.5)
Sullivan County, Tennessee	459	83.8	2.7	(78.5–89.1)
Bexar County, Texas	970	64.2	2.4	(59.5–68.9)
Dallas County, Texas	388	62.1	3.9	(54.4–69.8)
El Paso County, Texas	861	53.1	2.5	(48.2–58.0)
Fort Bend County, Texas	917	62.8	2.3	(58.2–67.4)
Harris County, Texas	1,453	63.1	1.9	(59.4–66.8)
Hidalgo County, Texas	588	50.9	2.8	(45.3–56.5)
Lubbock County, Texas	753	62.3	2.9	(56.5–68.1)
Midland County, Texas	522	59.9	3.1	(53.8–66.0)
Potter County, Texas	334	61.1	3.8	(53.7–68.5)
Randall County, Texas	455	60.7	3.5	(53.9–67.5)
Smith County, Texas	670	64.5	3.3	(58.0–71.0)
Tarrant County, Texas	603	63.9	3.1	(57.8–70.0)
Travis County, Texas	759	64.3	4.3	(55.8–72.8)
Val Verde County, Texas	554	71.2	3.7	(64.0–78.4)
Webb County, Texas	910	53.9	2.2	(49.5–58.3)
Wichita County, Texas	674	59.7	3.2	(53.3–66.1)
Davis County, Utah	855	61.8	2.3	(57.3–66.3)
Salt Lake County, Utah	3,251	58.5	1.2	(56.2–60.8)
Summit County, Utah	450	58.6	3.3	(52.2–65.0)
Tooele County, Utah	561	58.8	3.1	(52.8–64.8)
Utah County, Utah	1,093	53.9	2.3	(49.3–58.5)
Weber County, Utah	761	62.6	2.5	(57.7–67.5)
Chittenden County, Vermont	1,421	61.3	1.9	(57.6–65.0)
Franklin County, Vermont	485	66.0	2.7	(60.7–71.3)
Orange County, Vermont	357	67.2	3.4	(60.6–73.8)
Rutland County, Vermont	657	65.0	2.5	(60.1–69.9)
Washington County, Vermont	666	62.7	2.6	(57.7–67.7)
Windsor County, Vermont	677	66.1	2.5	(61.2–71.0)
Benton County, Washington	383	64.3	3.1	(58.2–70.4)
Clark County, Washington	1,076	54.0	2.4	(49.3–58.7)
Franklin County, Washington	251	64.7	4.4	(56.0–73.4)
King County, Washington	2,999	61.5	1.3	(59.0–64.0)
Kitsap County, Washington	901	61.1	2.2	(56.7–65.5)
Pierce County, Washington	1,694	63.9	1.7	(60.6–67.2)
Snohomish County, Washington	1,631	60.8	1.7	(57.5–64.1)
Spokane County, Washington	1,196	63.6	2.0	(59.6–67.6)
Thurston County, Washington	763	58.0	2.5	(53.1–62.9)
Yakima County, Washington	731	57.4	2.8	(52.0–62.8)
Kanawha County, West Virginia	481	79.0	2.8	(73.5–84.5)
Milwaukee County, Wisconsin	1,211	72.0	2.9	(66.4–77.6)
Laramie County, Wyoming	906	61.3	2.3	(56.9–65.7)
Natrona County, Wyoming	761	54.1	2.6	(49.1–59.1)
Median		68.0		
Range		49.5–85.3		

**Abbreviations:** SE = standard error; CI = confidence interval.\*Estimate not available (NA) if the unweighted sample size for the denominator was  $< 50$  or if the confidence interval half width is  $> 10$ .

**TABLE 16. Estimated prevalence of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	2,693	63.2	1.2	(60.7–65.6)
Alaska	331	63.7	3.8	(56.3–71.0)
Arizona	2,382	66.9	1.4	(64.1–69.6)
Arkansas	1,617	69.6	1.4	(66.9–72.2)
California	5,042	63.0	0.9	(61.2–64.8)
Colorado	3,193	73.4	0.9	(71.5–75.2)
Connecticut	2,213	72.4	1.2	(70.0–74.7)
Delaware	1,425	66.9	1.5	(64.0–69.8)
District of Columbia	1,201	60.9	1.7	(57.6–64.3)
Florida	13,912	65.6	0.8	(64.0–67.2)
Georgia	1,754	61.8	1.4	(59.1–64.5)
Hawaii	2,159	73.2	1.2	(70.8–75.5)
Idaho	2,355	60.7	1.2	(58.4–63.0)
Illinois	1,681	65.5	1.5	(62.6–68.3)
Indiana	3,360	66.4	1.0	(64.4–68.4)
Iowa	2,159	70.4	1.1	(68.3–72.6)
Kansas	2,930	68.6	0.9	(66.8–70.5)
Kentucky	2,586	67.7	1.3	(65.2–70.2)
Louisiana	2,154	64.3	1.2	(61.9–66.6)
Maine	2,612	72.0	1.0	(70.1–73.9)
Maryland	2,496	68.7	1.2	(66.2–71.1)
Massachusetts	4,483	72.4	0.9	(70.5–74.2)
Michigan	3,138	67.5	0.9	(65.6–69.3)
Minnesota	2,393	72.0	1.3	(69.5–74.5)
Mississippi	2,921	66.1	1.1	(64.0–68.2)
Missouri	1,944	67.1	1.4	(64.3–69.8)
Montana	2,417	65.5	1.2	(63.2–67.8)
Nebraska	6,195	71.2	0.9	(69.5–73.0)
Nevada	1,250	59.3	2.0	(55.4–63.2)
New Hampshire	1,942	71.3	1.2	(68.9–73.6)
New Jersey	3,306	65.7	1.1	(63.6–67.9)
New Mexico	2,315	69.3	1.1	(67.1–71.5)
New York	2,913	68.3	1.0	(66.3–70.3)
North Carolina	3,923	69.7	1.0	(67.6–71.7)
North Dakota	1,517	66.4	1.3	(63.9–69.0)
Ohio	3,084	64.8	1.1	(62.7–66.9)
Oklahoma	2,801	70.9	0.9	(69.0–72.7)
Oregon	1,835	65.0	1.3	(62.5–67.4)
Pennsylvania	3,874	68.0	0.9	(66.1–69.8)
Rhode Island	2,139	70.3	1.1	(68.1–72.6)
South Carolina	3,467	67.4	1.1	(65.1–69.6)
South Dakota	2,319	72.0	1.1	(69.8–74.2)
Tennessee	1,987	66.6	1.4	(63.9–69.3)
Texas	6,014	67.2	1.0	(65.3–69.1)
Utah	2,579	68.2	1.1	(66.1–70.3)
Vermont	2,155	71.5	1.0	(69.4–73.5)
Virginia	1,565	68.9	1.5	(66.0–71.8)
Washington	6,633	69.3	0.7	(67.9–70.6)
West Virginia	1,497	66.4	1.3	(63.8–69.0)
Wisconsin	1,356	68.4	1.5	(65.4–71.3)
Wyoming	1,976	65.1	1.2	(62.8–67.4)
Guam	115	NA*	NA	NA
Puerto Rico	1,396	26.9	1.3	(24.3–29.5)
Virgin Islands	442	41.5	2.7	(36.3–46.8)
Median		67.4		
Range		26.9–73.4		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was &lt;50 or if the confidence interval half width is &gt;10.

**TABLE 17. Estimated prevalence of adults aged ≥65 years who had received an influenza vaccination during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA)— Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	263	60.6	3.6	(53.5–67.6)
Albuquerque, New Mexico	700	74.0	1.9	(70.2–77.7)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	358	70.9	3.0	(65.0–76.7)
Amarillo, Texas	290	75.5	2.7	(70.2–80.7)
Arcadia, Florida	221	67.4	4.7	(58.1–76.6)
Asheville, North Carolina	239	74.6	3.1	(68.5–80.6)
Atlanta-Sandy Springs-Marietta, Georgia	610	58.3	2.5	(53.4–63.2)
Atlantic City, New Jersey	256	65.1	3.5	(58.2–71.9)
Augusta-Richmond County, Georgia-South Carolina	305	60.6	3.5	(53.7–67.4)
Augusta-Waterville, Maine	199	70.4	3.6	(63.3–77.4)
Austin-Round Rock, Texas	255	71.1	4.9	(61.4–80.7)
Baltimore-Towson, Maryland	869	67.5	1.9	(63.7–71.2)
Bangor, Maine	195	73.0	3.4	(66.3–79.6)
Barre, Vermont	236	77.1	2.9	(71.4–82.7)
Baton Rouge, Louisiana	340	64.1	3.0	(58.2–69.9)
Bethesda-Gaithersburg-Frederick, Maryland*	411	75.9	2.6	(70.8–80.9)
Billings, Montana	206	70.0	3.5	(63.1–76.8)
Birmingham-Hoover, Alabama	398	64.0	3.0	(58.1–69.8)
Bismarck, North Dakota	236	66.2	3.3	(59.7–72.6)
Boise City-Nampa, Idaho	547	61.6	2.3	(57.0–66.1)
Boston-Quincy, Massachusetts*	907	72.3	2.0	(68.3–76.2)
Bremerton-Silverdale, Washington	293	63.8	3.0	(57.9–69.6)
Bridgeport-Stamford-Norwalk, Connecticut	698	70.7	2.4	(65.9–75.4)
Buffalo-Cheektowaga-Tonawanda, New York	225	65.1	3.5	(58.2–71.9)
Burlington-South Burlington, Vermont	518	74.1	2.1	(69.9–78.2)
Cambridge-Newton-Framingham, Massachusetts*	746	76.4	2.1	(72.2–80.5)
Camden, New Jersey*	464	64.9	2.6	(59.8–69.9)
Canton-Massillon, Ohio	234	60.8	3.7	(53.5–68.0)
Cape Coral-Fort Myers, Florida	258	72.7	3.1	(66.6–78.7)
Casper, Wyoming	234	63.4	3.5	(56.5–70.2)
Cedar Rapids, Iowa	193	66.7	4.1	(58.6–74.7)
Charleston, West Virginia	273	67.3	3.2	(61.0–73.5)
Charleston-North Charleston, South Carolina	401	68.9	3.6	(61.8–75.9)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	530	69.2	2.5	(64.3–74.1)
Chattanooga, Tennessee-Georgia	184	69.3	4.3	(60.8–77.7)
Cheyenne, Wyoming	322	71.5	2.8	(66.0–76.9)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	1,550	63.1	1.8	(59.5–66.6)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	593	66.8	2.5	(61.9–71.7)
Cleveland-Elyria-Mentor, Ohio	344	68.4	2.8	(62.9–73.8)
Coeur d'Alene, Idaho	216	60.1	3.7	(52.8–67.3)
Colorado Springs, Colorado	293	69.5	3.0	(63.6–75.3)
Columbia, South Carolina	363	65.9	3.6	(58.8–72.9)
Columbus, Ohio	354	67.7	2.8	(62.2–73.1)
Concord, New Hampshire	210	70.5	3.5	(63.6–77.3)
Dallas-Plano-Irving, Texas*	226	68.3	3.7	(61.0–75.5)
Dayton, Ohio	305	67.4	3.3	(60.9–73.8)
Del Rio, Texas	202	NA†	NA	NA
Deltona-Daytona Beach-Ormond Beach, Florida	406	74.0	2.4	(69.2–78.7)
Denver-Aurora, Colorado	1,211	76.4	1.4	(73.6–79.1)
Des Moines-West Des Moines, Iowa	294	71.8	2.8	(66.3–77.2)
Detroit-Livonia-Dearborn, Michigan*	675	63.8	2.3	(59.2–68.3)
Dover, Delaware	386	64.5	2.7	(59.2–69.7)
Durham, North Carolina	276	73.4	3.6	(66.3–80.4)
Edison, New Jersey*	642	70.3	2.1	(66.1–74.4)
El Paso, Texas	258	64.8	3.5	(57.9–71.6)
Eugene-Springfield, Oregon	183	71.1	3.7	(63.8–78.3)
Evansville, Indiana-Kentucky	171	73.2	4.1	(65.1–81.2)
Fargo, North Dakota-Minnesota	248	66.6	5.1	(56.6–76.5)
Farmington, New Mexico	198	66.2	4.1	(58.1–74.2)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	251	68.2	4.0	(60.3–76.0)
Fort Collins-Loveland, Colorado	163	73.6	3.6	(66.5–80.6)
Fort Wayne, Indiana	240	59.0	3.5	(52.1–65.8)
Fort Worth-Arlington, Texas*	250	72.9	3.5	(66.0–79.7)

See footnotes on page 71.

**TABLE 17. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA)— Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	330	56.9	4.3	(48.4–65.3)
Grand Island, Nebraska	351	72.3	2.7	(67.0–77.5)
Grand Rapids-Wyoming, Michigan	211	71.8	3.3	(65.3–78.2)
Greensboro-High Point, North Carolina	413	70.2	2.7	(64.9–75.4)
Greenville, South Carolina	304	68.5	3.6	(61.4–75.5)
Hagerstown-Martinsburg, Maryland-West Virginia	196	71.6	3.6	(64.5–78.6)
Hartford-West Hartford-East Hartford, Connecticut	661	74.2	1.9	(70.4–77.9)
Hastings, Nebraska	227	75.8	3.0	(69.9–81.6)
Helena, Montana	220	65.7	3.4	(59.0–72.3)
Hickory-Morganton-Lenoir, North Carolina	201	67.5	4.0	(59.6–75.3)
Hilo, Hawaii	446	65.0	2.7	(59.7–70.2)
Hilton Head Island-Beaufort, South Carolina	366	71.4	2.7	(66.1–76.6)
Homosassa Springs, Florida	274	71.6	3.0	(65.7–77.4)
Honolulu, Hawaii	1,038	75.4	1.5	(72.4–78.3)
Houston-Sugar Land-Baytown, Texas	724	64.2	2.3	(59.6–68.7)
Huntington-Ashland, West Virginia-Kentucky-Ohio	218	66.3	3.9	(58.6–73.9)
Idaho Falls, Idaho	206	61.0	3.7	(53.7–68.2)
Indianapolis-Carmel, Indiana	670	68.0	2.4	(63.2–72.7)
Jackson, Mississippi	264	65.7	3.3	(59.2–72.1)
Jacksonville, Florida	873	64.3	2.7	(59.0–69.5)
Kahului-Wailuku, Hawaii	463	64.0	2.9	(58.3–69.6)
Kalispell, Montana	221	63.7	3.6	(56.6–70.7)
Kansas City, Missouri-Kansas	1,095	63.2	2.0	(59.2–67.1)
Kapaa, Hawaii	212	66.8	3.6	(59.7–73.8)
Kennewick-Richland-Pasco, Washington	182	67.9	3.9	(60.2–75.5)
Key West-Marathon, Florida	212	66.5	3.7	(59.2–73.7)
Kingsport-Bristol, Tennessee-Virginia	283	66.4	4.1	(58.3–74.4)
Knoxville, Tennessee	186	72.7	4.1	(64.6–80.7)
Lake City, Florida	179	59.2	4.9	(49.5–68.8)
Lakeland-Winter Haven, Florida	212	62.5	3.8	(55.0–69.9)
Laredo, Texas	205	62.5	4.7	(53.2–71.7)
Las Cruces, New Mexico	200	72.9	3.4	(66.2–79.5)
Las Vegas-Paradise, Nevada	410	59.4	2.8	(53.9–64.8)
Lebanon, New Hampshire-Vermont	516	70.2	2.3	(65.6–74.7)
Lewiston, Idaho-Washington	248	66.3	3.3	(59.8–72.7)
Lewiston-Auburn, Maine	158	73.3	4.1	(65.2–81.3)
Lincoln, Nebraska	391	70.1	2.8	(64.6–75.5)
Little Rock-North Little Rock, Arkansas	312	73.9	2.9	(68.2–79.5)
Los Angeles-Long Beach-Glendale, California*	684	57.9	2.4	(53.1–62.6)
Louisville, Kentucky-Indiana	266	73.0	3.1	(66.9–79.0)
Lubbock, Texas	309	64.0	3.0	(58.1–69.8)
Manchester-Nashua, New Hampshire	413	74.9	2.4	(70.1–79.6)
McAllen-Edinburg-Mission, Texas	188	64.3	4.0	(56.4–72.1)
Memphis, Tennessee-Mississippi-Arkansas	393	65.0	3.4	(58.3–71.6)
Miami-Fort Lauderdale-Miami Beach, Florida	363	51.7	3.4	(45.0–58.3)
Midland, Texas	211	62.2	3.7	(54.9–69.4)
Milwaukee-Waukesha-West Allis, Wisconsin	400	72.3	3.2	(66.0–78.5)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	1,090	72.8	1.8	(69.2–76.3)
Minot, North Dakota	171	60.8	4.2	(52.5–69.0)
Mobile, Alabama	239	68.1	3.3	(61.6–74.5)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	219	65.7	3.6	(58.6–72.7)
Naples-Marco Island, Florida	316	74.1	2.7	(68.8–79.3)
Nashville-Davidson-Murfreesboro, Tennessee	255	69.3	3.5	(62.4–76.1)
Nassau-Suffolk, New York*	374	72.2	2.6	(67.1–77.2)
Newark-Union, New Jersey-Pennsylvania*	794	65.9	2.2	(61.5–70.2)
New Haven-Milford, Connecticut	576	73.8	2.3	(69.2–78.3)
New Orleans-Metairie-Kenner, Louisiana	459	64.3	2.6	(59.2–69.3)
New York-White Plains-Wayne, New York-New Jersey*	1,700	61.5	1.5	(58.5–64.4)
Norfolk, Nebraska	249	69.9	3.1	(63.8–75.9)
North Platte, Nebraska	221	65.7	3.7	(58.4–72.9)
North Port-Bradenton-Sarasota, Florida	596	68.7	2.2	(64.3–73.0)
Ocala, Florida	315	67.2	3.0	(61.3–73.0)
Ocean City, New Jersey	196	67.0	3.6	(59.9–74.0)

See footnotes on page 71.

**TABLE 17. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA)— Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	448	71.4	2.4	(66.6–76.1)
Oklahoma City, Oklahoma	785	67.8	1.9	(64.0–71.5)
Olympia, Washington	220	69.1	3.6	(62.0–76.1)
Omaha-Council Bluffs, Nebraska-Iowa	652	75.1	2.1	(70.9–79.2)
Orlando-Kissimmee, Florida	886	61.4	2.0	(57.4–65.3)
Palm Bay-Melbourne-Titusville, Florida	235	71.0	3.2	(64.7–77.2)
Panama City-Lynn Haven, Florida	181	69.6	4.3	(61.1–78.0)
Peabody, Massachusetts	589	71.7	2.9	(66.0–77.3)
Pensacola-Ferry Pass-Brent, Florida	331	63.2	3.1	(57.1–69.2)
Philadelphia, Pennsylvania*	761	66.2	2.5	(61.3–71.1)
Phoenix-Mesa-Scottsdale, Arizona	669	68.8	2.2	(64.4–73.1)
Pittsburgh, Pennsylvania	879	69.3	1.7	(65.9–72.6)
Portland-South Portland-Biddeford, Maine	841	73.3	1.7	(69.9–76.6)
Portland-Vancouver-Beaverton, Oregon-Washington	1,098	66.8	1.7	(63.4–70.1)
Port St. Lucie-Fort Pierce, Florida	489	67.7	2.4	(62.9–72.4)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	2,956	69.2	1.1	(67.0–71.3)
Provo-Orem, Utah	271	64.4	3.2	(58.1–70.6)
Raleigh-Cary, North Carolina	246	70.9	3.7	(63.6–78.1)
Rapid City, South Dakota	286	73.6	2.8	(68.1–79.0)
Reno-Sparks, Nevada	406	60.0	2.7	(54.7–65.2)
Richmond, Virginia	223	67.4	3.9	(59.7–75.0)
Riverside-San Bernardino-Ontario, California	508	59.2	2.6	(54.1–64.2)
Rochester, New York	220	76.8	3.2	(70.5–83.0)
Rockingham County-Strafford County, New Hampshire*	454	69.4	2.4	(64.6–74.1)
Rutland, Vermont	232	63.2	3.5	(56.3–70.0)
Sacramento-Arden-Arcade-Roseville, California	413	73.1	2.6	(68.0–78.1)
St. Louis, Missouri-Illinois	550	72.8	2.6	(67.7–77.8)
Salt Lake City, Utah	1,025	70.2	1.7	(66.8–73.5)
San Antonio, Texas	414	67.6	2.8	(62.1–73.0)
San Diego-Carlsbad-San Marcos, California	494	62.2	2.7	(56.9–67.4)
San Francisco-Oakland-Fremont, California	699	63.1	2.6	(58.0–68.1)
San Jose-Sunnyvale-Santa Clara, California	258	69.0	4.4	(60.3–77.6)
Santa Ana-Anaheim-Irvine, California*	406	68.2	3.0	(62.3–74.0)
Santa Fe, New Mexico	196	67.2	3.9	(59.5–74.8)
Scottsbluff, Nebraska	335	66.8	3.2	(60.5–73.0)
Scranton-Wilkes-Barre, Pennsylvania	221	64.8	3.5	(57.9–71.6)
Seaford, Delaware	524	68.4	2.4	(63.6–73.1)
Seattle-Bellevue-Everett, Washington*	1,378	70.8	1.5	(67.8–73.7)
Sebring, Florida	294	68.7	3.2	(62.4–74.9)
Shreveport-Bossier City, Louisiana	231	64.2	3.6	(57.1–71.2)
Sioux City, Iowa-Nebraska-South Dakota	403	66.3	5.0	(56.5–76.1)
Sioux Falls, South Dakota	275	73.2	3.0	(67.3–79.0)
Spokane, Washington	399	66.5	2.7	(61.2–71.7)
Springfield, Massachusetts	583	70.3	2.6	(65.2–75.3)
Tacoma, Washington*	564	72.6	2.1	(68.4–76.7)
Tallahassee, Florida	628	65.8	3.2	(59.5–72.0)
Tampa-St. Petersburg-Clearwater, Florida	869	63.4	2.1	(59.2–67.5)
Toledo, Ohio	254	61.0	3.8	(53.5–68.4)
Topeka, Kansas	274	74.8	2.8	(69.3–80.2)
Trenton-Ewing, New Jersey	128	67.4	4.9	(57.7–77.0)
Tucson, Arizona	313	69.1	3.0	(63.2–74.9)
Tulsa, Oklahoma	737	73.3	1.8	(69.7–76.8)
Tuscaloosa, Alabama	158	59.5	4.5	(50.6–68.3)
Twin Falls, Idaho	206	64.0	3.7	(56.7–71.2)
Tyler, Texas	258	65.0	3.3	(58.5–71.4)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	299	68.9	3.3	(62.4–75.3)
Warren-Troy-Farmington Hills, Michigan*	643	67.1	2.1	(62.9–71.2)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	1,760	68.3	2.2	(63.9–72.6)
Wauchula, Florida	211	66.8	3.6	(59.7–73.8)
West Palm Beach-Boca Raton-Boynton Beach, Florida*	268	73.7	3.0	(67.8–79.5)
Wichita, Kansas	622	70.4	2.0	(66.4–74.3)
Wichita Falls, Texas	347	71.2	3.3	(64.7–77.6)
Wilmington, Delaware-Maryland-New Jersey*	645	64.0	2.2	(59.6–68.3)

See footnotes on page 71.



**TABLE 17. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by metropolitan and micropolitan statistical area (MMSA)— Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	553	71.0	2.7	(65.7–76.2)
Yakima, Washington	256	68.5	3.1	(62.4–74.5)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	380	58.9	3.8	(51.4–66.3)
Median		67.9		
Range		51.7–77.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

† Estimate not available (NA) if the unweighted sample size for the denominator was <50 or if the confidence interval half width is >10.

**TABLE 18. Estimated prevalence of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	193	68.0	3.8	(60.5–75.4)
Mobile County, Alabama	239	68.1	3.3	(61.6–74.5)
Tuscaloosa County, Alabama	130	64.1	4.9	(54.4–73.7)
Maricopa County, Arizona	483	68.9	2.4	(64.1–73.6)
Pima County, Arizona	313	69.1	3.0	(63.2–74.9)
Pinal County, Arizona	186	68.7	4.1	(60.6–76.7)
Benton County, Arkansas	142	72.7	4.8	(63.2–82.1)
Pulaski County, Arkansas	213	71.2	3.9	(63.5–78.8)
Washington County, Arkansas	96	NA*	NA	NA
Alameda County, California	195	57.6	5.0	(47.8–67.4)
Contra Costa County, California	215	71.1	3.5	(64.2–77.9)
Los Angeles County, California	684	57.9	2.4	(53.1–62.6)
Orange County, California	406	68.2	3.0	(62.3–74.0)
Placer County, California	95	69.0	5.1	(59.0–78.9)
Riverside County, California	280	58.6	3.5	(51.7–65.4)
Sacramento County, California	230	74.3	3.4	(67.6–80.9)
San Bernardino County, California	228	59.8	4.0	(51.9–67.6)
San Diego County, California	494	62.2	2.7	(56.9–67.4)
San Francisco County, California	108	NA	NA	NA
San Mateo County, California	104	NA	NA	NA
Santa Clara County, California	249	70.3	4.4	(61.6–78.9)
Adams County, Colorado	181	78.5	3.3	(72.0–84.9)
Arapahoe County, Colorado	222	76.7	3.2	(70.4–82.9)
Denver County, Colorado	268	69.9	3.1	(63.8–75.9)
Douglas County, Colorado	101	87.8	3.5	(80.9–94.6)
El Paso County, Colorado	258	70.3	3.2	(64.0–76.5)
Jefferson County, Colorado	331	77.3	2.5	(72.4–82.2)
Larimer County, Colorado	163	73.6	3.6	(66.5–80.6)
Fairfield County, Connecticut	698	70.7	2.4	(65.9–75.4)
Hartford County, Connecticut	492	74.9	2.2	(70.5–79.2)
Middlesex County, Connecticut	95	NA	NA	NA
New Haven County, Connecticut	576	73.8	2.3	(69.2–78.3)
Tolland County, Connecticut	74	NA	NA	NA
Kent County, Delaware	386	64.5	2.7	(59.2–69.7)
New Castle County, Delaware	515	66.1	2.4	(61.3–70.8)
Sussex County, Delaware	524	68.4	2.4	(63.6–73.1)
District of Columbia, District of Columbia	1,201	60.8	1.7	(57.4–64.1)
Alachua County, Florida	169	56.6	4.6	(47.5–65.6)
Baker County, Florida	151	NA	NA	NA
Bay County, Florida	181	69.6	4.3	(61.1–78.0)
Brevard County, Florida	235	71.0	3.2	(64.7–77.2)
Broward County, Florida	190	57.4	4.4	(48.7–66.0)
Citrus County, Florida	274	71.6	3.0	(65.7–77.4)
Clay County, Florida	151	68.9	4.5	(60.0–77.7)
Collier County, Florida	316	74.1	2.7	(68.8–79.3)
Columbia County, Florida	179	59.2	4.9	(49.5–68.8)
DeSoto County, Florida	221	67.4	4.7	(58.1–76.6)
Duval County, Florida	164	60.4	4.4	(51.7–69.0)
Escambia County, Florida	181	62.2	4.1	(54.1–70.2)
Gadsden County, Florida	165	55.0	4.9	(45.3–64.6)
Gilchrist County, Florida	161	NA	NA	NA
Hardee County, Florida	211	66.8	3.6	(59.7–73.8)
Hernando County, Florida	221	60.4	3.7	(53.1–67.6)
Highlands County, Florida	294	68.7	3.2	(62.4–74.9)
Hillsborough County, Florida	169	64.3	4.1	(56.2–72.3)
Jefferson County, Florida	165	NA	NA	NA
Lake County, Florida	306	70.4	2.8	(64.9–75.8)
Lee County, Florida	258	72.7	3.1	(66.6–78.7)
Leon County, Florida	146	72.6	4.2	(64.3–80.8)
Manatee County, Florida	244	67.0	3.4	(60.3–73.6)
Marion County, Florida	315	67.2	3.0	(61.3–73.0)
Martin County, Florida	269	70.1	3.1	(64.0–76.1)
Miami-Dade County, Florida	173	49.3	4.7	(40.0–58.5)

See footnotes on page 76.

**TABLE 18. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	212	66.5	3.7	(59.2–73.7)
Nassau County, Florida	198	66.5	4.6	(57.4–75.5)
Orange County, Florida	252	57.7	3.8	(50.2–65.1)
Osceola County, Florida	184	54.1	4.3	(45.6–62.5)
Palm Beach County, Florida	268	73.7	3.0	(67.8–79.5)
Pasco County, Florida	254	64.3	3.3	(57.8–70.7)
Pinellas County, Florida	225	66.5	3.4	(59.8–73.1)
Polk County, Florida	212	62.5	3.8	(55.0–69.9)
St. Johns County, Florida	209	70.1	3.5	(63.2–76.9)
St. Lucie County, Florida	220	66.1	3.5	(59.2–72.9)
Santa Rosa County, Florida	150	66.6	4.2	(58.3–74.8)
Sarasota County, Florida	352	69.4	2.8	(63.9–74.8)
Seminole County, Florida	144	61.6	5.0	(51.8–71.4)
Volusia County, Florida	406	74.0	2.4	(69.2–78.7)
Wakulla County, Florida	152	NA	NA	NA
Cobb County, Georgia	71	NA	NA	NA
DeKalb County, Georgia	88	NA	NA	NA
Fulton County, Georgia	82	NA	NA	NA
Gwinnett County, Georgia	51	NA	NA	NA
Hawaii County, Hawaii	446	65.0	2.7	(59.7–70.2)
Honolulu County, Hawaii	1,038	75.4	1.5	(72.4–78.3)
Kauai County, Hawaii	212	66.8	3.6	(59.7–73.8)
Maui County, Hawaii	463	64.0	2.9	(58.3–69.6)
Ada County, Idaho	274	65.2	3.1	(59.1–71.2)
Bonneville County, Idaho	159	62.8	4.3	(54.3–71.2)
Canyon County, Idaho	207	59.4	3.8	(51.9–66.8)
Kootenai County, Idaho	216	60.1	3.7	(52.8–67.3)
Nez Perce County, Idaho	147	59.1	4.5	(50.2–67.9)
Twin Falls County, Idaho	171	60.2	4.1	(52.1–68.2)
Cook County, Illinois	922	62.9	2.1	(58.7–67.0)
DuPage County, Illinois	72	NA	NA	NA
Allen County, Indiana	195	60.9	3.9	(53.2–68.5)
Lake County, Indiana	313	61.4	4.5	(52.5–70.2)
Marion County, Indiana	457	69.1	3.1	(63.0–75.1)
Linn County, Iowa	174	68.5	3.9	(60.8–76.1)
Polk County, Iowa	218	72.7	3.3	(66.2–79.1)
Johnson County, Kansas	398	76.4	2.3	(71.8–80.9)
Sedgwick County, Kansas	467	69.3	2.3	(64.7–73.8)
Shawnee County, Kansas	213	76.6	3.0	(70.7–82.4)
Wyandotte County, Kansas	217	56.6	3.9	(48.9–64.2)
Jefferson County, Kentucky	131	75.4	4.3	(66.9–83.8)
Caddo Parish, Louisiana	154	66.5	4.4	(57.8–75.1)
East Baton Rouge Parish, Louisiana	212	64.5	3.8	(57.0–71.9)
Jefferson Parish, Louisiana	197	65.2	4.0	(57.3–73.0)
Orleans Parish, Louisiana	122	61.5	5.0	(51.7–71.3)
St. Tammany Parish, Louisiana	93	NA	NA	NA
Androscoggin County, Maine	158	73.3	4.1	(65.2–81.3)
Cumberland County, Maine	444	75.5	2.3	(70.9–80.0)
Kennebec County, Maine	199	70.4	3.6	(63.3–77.4)
Penobscot County, Maine	195	73.0	3.4	(66.3–79.6)
Sagadahoc County, Maine	90	76.3	5.1	(66.3–86.2)
York County, Maine	307	69.7	2.9	(64.0–75.3)
Anne Arundel County, Maryland	148	67.5	4.3	(59.0–75.9)
Baltimore County, Maryland	297	69.0	3.0	(63.1–74.8)
Cecil County, Maryland	71	NA	NA	NA
Charles County, Maryland	68	NA	NA	NA
Frederick County, Maryland	134	71.0	4.4	(62.3–79.6)
Harford County, Maryland	66	NA	NA	NA
Howard County, Maryland	70	NA	NA	NA
Montgomery County, Maryland	277	76.9	3.0	(71.0–82.7)
Prince George's County, Maryland	186	62.9	4.1	(54.8–70.9)
Queen Anne's County, Maryland	84	NA	NA	NA
Washington County, Maryland	125	75.3	4.2	(67.0–83.5)

See footnotes on page 76.

**TABLE 18. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	141	61.8	4.9	(52.1–71.4)
Bristol County, Massachusetts	817	66.5	3.1	(60.4–72.5)
Essex County, Massachusetts	589	71.9	2.9	(66.2–77.5)
Hampden County, Massachusetts	463	75.7	2.9	(70.0–81.3)
Hampshire County, Massachusetts	73	NA	NA	NA
Middlesex County, Massachusetts	746	75.6	2.1	(71.4–79.7)
Norfolk County, Massachusetts	255	75.7	3.0	(69.8–81.5)
Plymouth County, Massachusetts	207	73.8	3.4	(67.1–80.4)
Suffolk County, Massachusetts	445	66.8	3.1	(60.7–72.8)
Worcester County, Massachusetts	553	71.0	2.7	(65.7–76.2)
Kent County, Michigan	148	71.8	3.9	(64.1–79.4)
Macomb County, Michigan	196	69.2	3.6	(62.1–76.2)
Oakland County, Michigan	333	67.3	3.0	(61.4–73.1)
Wayne County, Michigan	675	63.8	2.3	(59.2–68.3)
Anoka County, Minnesota	76	NA	NA	NA
Dakota County, Minnesota	107	75.1	5.0	(65.3–84.9)
Hennepin County, Minnesota	472	76.3	2.9	(70.6–81.9)
Ramsey County, Minnesota	230	74.1	4.2	(65.8–82.3)
Washington County, Minnesota	60	NA	NA	NA
DeSoto County, Mississippi	146	73.3	4.1	(65.2–81.3)
Hinds County, Mississippi	116	72.0	4.7	(62.7–81.2)
Jackson County, Missouri	182	57.7	4.1	(49.6–65.7)
St. Louis County, Missouri	208	74.3	4.0	(66.4–82.1)
St. Louis city, Missouri	194	NA	NA	NA
Flathead County, Montana	221	63.7	3.6	(56.6–70.7)
Lewis and Clark County, Montana	184	65.8	3.6	(58.7–72.8)
Yellowstone County, Montana	191	69.1	3.7	(61.8–76.3)
Adams County, Nebraska	180	76.9	3.3	(70.4–83.3)
Dakota County, Nebraska	253	66.6	3.2	(60.3–72.8)
Douglas County, Nebraska	273	75.7	2.9	(70.0–81.3)
Hall County, Nebraska	235	75.7	3.1	(69.6–81.7)
Lancaster County, Nebraska	287	70.5	3.0	(64.6–76.3)
Lincoln County, Nebraska	211	67.3	3.8	(59.8–74.7)
Madison County, Nebraska	176	71.4	3.7	(64.1–78.6)
Sarpy County, Nebraska	150	73.2	4.5	(64.3–82.0)
Scotts Bluff County, Nebraska	324	68.2	3.3	(61.7–74.6)
Seward County, Nebraska	104	NA	NA	NA
Clark County, Nevada	410	59.4	2.8	(53.9–64.8)
Washoe County, Nevada	398	60.0	2.7	(54.7–65.2)
Grafton County, New Hampshire	175	69.7	3.9	(62.0–77.3)
Hillsborough County, New Hampshire	413	74.9	2.4	(70.1–79.6)
Merrimack County, New Hampshire	210	70.5	3.5	(63.6–77.3)
Rockingham County, New Hampshire	276	67.6	3.0	(61.7–73.4)
Strafford County, New Hampshire	178	73.4	3.7	(66.1–80.6)
Atlantic County, New Jersey	256	65.1	3.5	(58.2–71.9)
Bergen County, New Jersey	174	58.3	4.5	(49.4–67.1)
Burlington County, New Jersey	170	65.7	4.2	(57.4–73.9)
Camden County, New Jersey	151	63.5	4.4	(54.8–72.1)
Cape May County, New Jersey	196	67.0	3.6	(59.9–74.0)
Essex County, New Jersey	251	62.5	3.7	(55.2–69.7)
Gloucester County, New Jersey	143	66.0	4.8	(56.5–75.4)
Hudson County, New Jersey	232	50.5	3.9	(42.8–58.1)
Hunterdon County, New Jersey	115	NA	NA	NA
Mercer County, New Jersey	128	67.4	4.9	(57.7–77.0)
Middlesex County, New Jersey	156	69.2	4.3	(60.7–77.6)
Monmouth County, New Jersey	146	68.4	4.5	(59.5–77.2)
Morris County, New Jersey	168	69.0	4.2	(60.7–77.2)
Ocean County, New Jersey	207	73.1	3.5	(66.2–79.9)
Passaic County, New Jersey	142	72.5	4.2	(64.2–80.7)
Somerset County, New Jersey	133	70.9	4.5	(62.0–79.7)
Sussex County, New Jersey	113	NA	NA	NA
Union County, New Jersey	127	70.5	4.7	(61.2–79.7)
Warren County, New Jersey	150	68.3	4.4	(59.6–76.9)

See footnotes on page 76.

**TABLE 18. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	412	75.0	2.3	(70.4–79.5)
Dona Ana County, New Mexico	200	72.9	3.4	(66.2–79.5)
Sandoval County, New Mexico	158	78.5	3.4	(71.8–85.1)
San Juan County, New Mexico	198	66.2	4.1	(58.1–74.2)
Santa Fe County, New Mexico	196	67.2	3.9	(59.5–74.8)
Valencia County, New Mexico	112	NA ‡	NA ‡	NA
Bronx County, New York	116	NA ‡	NA ‡	NA
Erie County, New York	176	68.2	3.9	(60.5–75.8)
Kings County, New York	224	64.0	3.8	(56.5–71.4)
Monroe County, New York	150	79.7	3.7	(72.4–86.9)
Nassau County, New York	171	72.7	3.8	(65.2–80.1)
New York County, New York	332	62.8	3.8	(55.3–70.2)
Queens County, New York	239	62.3	3.9	(54.6–69.9)
Suffolk County, New York	203	72.1	3.5	(65.2–78.9)
Westchester County, New York	117	68.4	4.9	(58.7–78.0)
Buncombe County, North Carolina	104	72.6	4.9	(62.9–82.2)
Cabarrus County, North Carolina	106	69.6	4.9	(59.9–79.2)
Catawba County, North Carolina	101	69.6	5.1	(59.6–79.5)
Durham County, North Carolina	168	72.5	3.8	(65.0–79.9)
Gaston County, North Carolina	88	NA ‡	NA ‡	NA
Guilford County, North Carolina	231	72.3	3.2	(66.0–78.5)
Johnston County, North Carolina	71	NA ‡	NA ‡	NA
Mecklenburg County, North Carolina	179	61.5	4.3	(53.0–69.9)
Orange County, North Carolina	74	NA ‡	NA ‡	NA
Randolph County, North Carolina	152	69.1	4.5	(60.2–77.9)
Union County, North Carolina	100	NA ‡	NA ‡	NA
Wake County, North Carolina	164	72.1	3.9	(64.4–79.7)
Burleigh County, North Dakota	169	66.5	3.8	(59.0–73.9)
Cass County, North Dakota	232	70.0	3.2	(63.7–76.2)
Ward County, North Dakota	139	62.9	4.5	(54.0–71.7)
Cuyahoga County, Ohio	221	66.5	3.5	(59.6–73.3)
Franklin County, Ohio	174	69.3	3.8	(61.8–76.7)
Hamilton County, Ohio	228	67.4	3.4	(60.7–74.0)
Lucas County, Ohio	212	55.3	3.8	(47.8–62.7)
Mahoning County, Ohio	254	54.2	3.7	(46.9–61.4)
Montgomery County, Ohio	255	63.5	3.4	(56.8–70.1)
Stark County, Ohio	228	61.6	3.6	(54.5–68.6)
Summit County, Ohio	230	65.6	3.5	(58.7–72.4)
Cleveland County, Oklahoma	126	65.7	5.1	(55.7–75.6)
Oklahoma County, Oklahoma	469	67.7	2.4	(62.9–72.4)
Tulsa County, Oklahoma	507	70.3	2.3	(65.7–74.8)
Clackamas County, Oregon	146	58.6	4.5	(49.7–67.4)
Lane County, Oregon	183	71.1	3.7	(63.8–78.3)
Multnomah County, Oregon	263	68.4	3.2	(62.1–74.6)
Washington County, Oregon	181	70.1	3.6	(63.0–77.1)
Allegheny County, Pennsylvania	503	69.9	2.3	(65.3–74.4)
Lehigh County, Pennsylvania	82	NA	NA	NA
Luzerne County, Pennsylvania	126	65.7	4.8	(56.2–75.1)
Montgomery County, Pennsylvania	112	73.0	4.8	(63.5–82.4)
Northampton County, Pennsylvania	99	NA	NA	NA
Philadelphia County, Pennsylvania	456	64.9	2.6	(59.8–69.9)
Westmoreland County, Pennsylvania	127	73.4	4.4	(64.7–82.0)
Bristol County, Rhode Island	87	NA	NA	NA
Kent County, Rhode Island	307	76.5	2.6	(71.4–81.5)
Newport County, Rhode Island	172	72.5	3.6	(65.4–79.5)
Providence County, Rhode Island	1,305	69.6	1.5	(66.6–72.5)
Washington County, Rhode Island	268	63.2	3.4	(56.5–69.8)
Aiken County, South Carolina	183	65.5	3.9	(57.8–73.1)
Beaufort County, South Carolina	323	72.5	2.8	(67.0–77.9)
Berkeley County, South Carolina	114	NA	NA	NA
Charleston County, South Carolina	248	75.2	3.9	(67.5–82.8)
Greenville County, South Carolina	197	69.5	4.2	(61.2–77.7)
Horry County, South Carolina	219	65.7	3.6	(58.6–72.7)

See footnotes on page 76.

**TABLE 18. (Continued) Estimated prevalence of adults aged ≥65 years who had received an influenza vaccination during the preceding 12 months, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	212	68.6	5.0	(58.8–78.4)
Minnehaha County, South Dakota	198	76.5	3.4	(69.8–83.1)
Pennington County, South Dakota	220	74.9	3.2	(68.6–81.1)
Davidson County, Tennessee	140	63.9	5.1	(53.9–73.8)
Hamilton County, Tennessee	135	66.6	4.5	(57.7–75.4)
Knox County, Tennessee	126	68.6	4.8	(59.1–78.0)
Shelby County, Tennessee	129	65.0	4.7	(55.7–74.2)
Sullivan County, Tennessee	210	67.5	3.7	(60.2–74.7)
Bexar County, Texas	357	68.7	2.8	(63.2–74.1)
Dallas County, Texas	145	65.1	4.5	(56.2–73.9)
El Paso County, Texas	258	64.8	3.5	(57.9–71.6)
Fort Bend County, Texas	211	60.6	3.9	(52.9–68.2)
Harris County, Texas	394	65.3	2.9	(59.6–70.9)
Hidalgo County, Texas	188	64.3	4.0	(56.4–72.1)
Lubbock County, Texas	299	64.5	3.0	(58.6–70.3)
Midland County, Texas	211	62.2	3.7	(54.9–69.4)
Potter County, Texas	106	74.8	4.7	(65.5–84.0)
Randall County, Texas	176	75.9	3.5	(69.0–82.7)
Smith County, Texas	258	65.0	3.3	(58.5–71.4)
Tarrant County, Texas	198	74.0	3.5	(67.1–80.8)
Travis County, Texas	185	NA	NA	NA
Val Verde County, Texas	202	63.9	3.6	(56.8–70.9)
Webb County, Texas	205	62.5	4.7	(53.2–71.7)
Wichita County, Texas	291	70.1	2.9	(64.4–75.7)
Davis County, Utah	207	75.1	3.3	(68.6–81.5)
Salt Lake County, Utah	811	70.3	1.8	(66.7–73.8)
Summit County, Utah	91	76.5	4.7	(67.2–85.7)
Tooele County, Utah	123	NA	NA	NA
Utah County, Utah	254	64.6	3.3	(58.1–71.0)
Weber County, Utah	226	67.6	3.4	(60.9–74.2)
Chittenden County, Vermont	375	76.7	2.3	(72.1–81.2)
Franklin County, Vermont	119	69.6	4.4	(60.9–78.2)
Orange County, Vermont	95	73.1	4.9	(63.4–82.7)
Rutland County, Vermont	232	63.2	3.5	(56.3–70.0)
Washington County, Vermont	236	77.1	2.9	(71.4–82.7)
Windsor County, Vermont	246	69.3	3.2	(63.0–75.5)
Benton County, Washington	126	67.1	4.6	(58.0–76.1)
Clark County, Washington	333	68.9	2.7	(63.6–74.1)
Franklin County, Washington	56	NA	NA	NA
King County, Washington	928	72.1	1.6	(68.9–75.2)
Kitsap County, Washington	293	63.8	3.0	(57.9–69.6)
Pierce County, Washington	564	72.8	2.1	(68.6–76.9)
Snohomish County, Washington	450	68.2	2.4	(63.4–72.9)
Spokane County, Washington	399	66.5	2.7	(61.2–71.7)
Thurston County, Washington	220	69.1	3.6	(62.0–76.1)
Yakima County, Washington	256	68.5	3.1	(62.4–74.5)
Kanawha County, West Virginia	187	68.8	3.7	(61.5–76.0)
Milwaukee County, Wisconsin	309	69.6	4.0	(61.7–77.4)
Laramie County, Wyoming	322	71.5	2.8	(66.0–76.9)
Natrona County, Wyoming	234	63.4	3.5	(56.5–70.2)
Median		68.6		
Range		49.3–87.8		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was &lt;50 or if the confidence interval half width is &gt;10.



**TABLE 19. Estimated prevalence of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	2,636	65.6	1.2	(63.1–68.0)
Alaska	317	66.5	3.9	(58.8–74.2)
Arizona	2,301	71.7	1.4	(69.0–74.4)
Arkansas	1,573	67.3	1.4	(64.6–70.1)
California	4,904	62.6	0.9	(60.8–64.4)
Colorado	3,084	73.3	1.0	(71.4–75.2)
Connecticut	2,102	69.2	1.3	(66.8–71.7)
Delaware	1,393	70.0	1.5	(67.1–72.9)
District of Columbia	1,139	64.7	1.8	(61.3–68.2)
Florida	13,452	69.9	0.8	(68.4–71.5)
Georgia	1,705	64.4	1.4	(61.6–67.1)
Hawaii	2,022	66.8	1.4	(64.1–69.5)
Idaho	2,286	66.2	1.1	(63.9–68.4)
Illinois	1,652	61.9	1.5	(58.9–64.9)
Indiana	3,256	68.8	1.0	(66.9–70.8)
Iowa	2,099	70.3	1.1	(68.1–72.6)
Kansas	2,855	68.5	0.9	(66.6–70.3)
Kentucky	2,537	64.6	1.4	(61.8–67.3)
Louisiana	2,110	67.4	1.2	(65.1–69.7)
Maine	2,486	71.8	1.0	(69.8–73.7)
Maryland	2,422	66.5	1.3	(64.0–69.0)
Massachusetts	4,218	71.2	1.0	(69.3–73.1)
Michigan	3,058	67.8	0.9	(65.9–69.6)
Minnesota	2,327	70.4	1.3	(67.8–72.9)
Mississippi	2,851	67.6	1.1	(65.5–69.8)
Missouri	1,883	71.2	1.4	(68.5–73.9)
Montana	2,365	71.8	1.1	(69.5–74.0)
Nebraska	6,036	70.9	0.9	(69.0–72.7)
Nevada	1,210	66.6	2.0	(62.6–70.5)
New Hampshire	1,887	71.2	1.2	(68.9–73.6)
New Jersey	3,218	64.3	1.1	(62.1–66.5)
New Mexico	2,225	68.6	1.2	(66.3–70.9)
New York	2,773	66.1	1.1	(64.0–68.2)
North Carolina	3,809	71.2	1.1	(69.1–73.3)
North Dakota	1,462	70.9	1.3	(68.4–73.4)
Ohio	2,993	68.5	1.0	(66.4–70.5)
Oklahoma	2,727	72.6	0.9	(70.8–74.5)
Oregon	1,766	74.0	1.1	(71.7–76.2)
Pennsylvania	3,742	70.6	0.9	(68.8–72.4)
Rhode Island	2,053	71.7	1.1	(69.5–74.0)
South Carolina	3,343	70.0	1.1	(67.8–72.2)
South Dakota	2,262	68.0	1.2	(65.7–70.4)
Tennessee	1,958	66.1	1.4	(63.3–68.8)
Texas	5,815	68.5	1.0	(66.5–70.5)
Utah	2,500	68.3	1.1	(66.2–70.5)
Vermont	2,061	72.8	1.0	(70.8–74.9)
Virginia	1,533	72.1	1.5	(69.2–75.0)
Washington	6,428	72.8	0.7	(71.5–74.1)
West Virginia	1,486	62.4	1.4	(59.6–65.1)
Wisconsin	1,333	73.1	1.5	(70.3–76.0)
Wyoming	1,917	69.4	1.2	(67.1–71.7)
Guam	108	NA*	NA	NA
Puerto Rico	1,282	24.7	1.3	(22.2–27.3)
Virgin Islands	413	37.5	2.7	(32.2–42.8)
Median		68.6		
Range		24.7–74.0		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was &lt;50 or if the confidence interval half width is &gt;10.

**TABLE 20. Estimated prevalence of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by metropolitan and micropolitan statistical area (MMSA)— Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA(s)	Sample Size	%	SE	(95% CI)
Akron, Ohio	254	68.0	3.5	(61.1–74.8)
Albuquerque, New Mexico	671	72.8	2.1	(68.6–76.9)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	346	70.6	3.1	(64.5–76.6)
Amarillo, Texas	289	76.7	2.7	(71.4–81.9)
Arcadia, Florida	217	76.1	3.4	(69.4–82.7)
Asheville, North Carolina	233	74.5	3.2	(68.2–80.7)
Atlanta-Sandy Springs-Marietta, Georgia	595	60.4	2.6	(55.3–65.4)
Atlantic City, New Jersey	250	59.3	3.8	(51.8–66.7)
Augusta-Richmond County, Georgia-South Carolina	297	68.0	3.2	(61.7–74.2)
Augusta-Waterville, Maine	190	71.8	3.5	(64.9–78.6)
Austin-Round Rock, Texas	249	NA*	NA	NA
Baltimore-Towson, Maryland	845	65.8	1.9	(62.0–69.5)
Bangor, Maine	191	77.9	3.2	(71.6–84.1)
Barre, Vermont	226	71.9	3.4	(65.2–78.5)
Baton Rouge, Louisiana	334	68.6	3.0	(62.7–74.4)
Bethesda-Gaithersburg-Frederick, Maryland†	396	71.2	3.0	(65.3–77.0)
Billings, Montana	205	75.8	3.4	(69.1–82.4)
Birmingham-Hoover, Alabama	400	65.3	3.1	(59.2–71.3)
Bismarck, North Dakota	228	71.5	3.1	(65.4–77.5)
Boise City-Nampa, Idaho	536	70.2	2.2	(65.8–74.5)
Boston-Quincy, Massachusetts†	846	65.8	2.1	(61.6–69.9)
Bremerton-Silverdale, Washington	287	67.2	3.0	(61.3–73.0)
Bridgeport-Stamford-Norwalk, Connecticut	665	66.2	2.6	(61.1–71.2)
Buffalo-Cheektowaga-Tonawanda, New York	217	72.7	3.4	(66.0–79.3)
Burlington-South Burlington, Vermont	490	73.2	2.2	(68.8–77.5)
Cambridge-Newton-Framingham, Massachusetts†	695	75.2	2.2	(70.8–79.5)
Camden, New Jersey†	458	64.1	2.7	(58.8–69.3)
Canton-Massillon, Ohio	230	66.9	3.7	(59.6–74.1)
Cape Coral-Fort Myers, Florida	251	75.0	3.1	(68.9–81.0)
Casper, Wyoming	225	73.5	3.3	(67.0–79.9)
Cedar Rapids, Iowa	185	67.8	4.1	(59.7–75.8)
Charleston, West Virginia	275	62.7	3.3	(56.2–69.1)
Charleston-North Charleston, South Carolina	382	66.4	3.6	(59.3–73.4)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	513	69.8	2.6	(64.7–74.8)
Chattanooga, Tennessee-Georgia	177	60.1	4.9	(50.4–69.7)
Cheyenne, Wyoming	312	71.3	2.9	(65.6–76.9)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	1,510	61.3	1.8	(57.7–64.8)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	572	70.8	2.4	(66.0–75.5)
Cleveland-Elyria-Mentor, Ohio	334	71.4	2.7	(66.1–76.6)
Coeur d'Alene, Idaho	209	62.2	3.7	(54.9–69.4)
Colorado Springs, Colorado	286	72.3	2.8	(66.8–77.7)
Columbia, South Carolina	346	74.2	3.3	(67.7–80.6)
Columbus, Ohio	345	73.2	2.6	(68.1–78.2)
Concord, New Hampshire	206	69.3	3.7	(62.0–76.5)
Dallas-Plano-Irving, Texas†	221	70.8	3.7	(63.5–78.0)
Dayton, Ohio	293	74.1	3.1	(68.0–80.1)
Del Rio, Texas	191	NA	NA	NA
Deltona-Daytona Beach-Ormond Beach, Florida	387	76.8	2.5	(71.9–81.7)
Denver-Aurora, Colorado	1,160	75.7	1.4	(72.9–78.4)
Des Moines-West Des Moines, Iowa	286	71.9	3.0	(66.0–77.7)
Detroit-Livonia-Dearborn, Michigan†	655	67.6	2.3	(63.0–72.1)
Dover, Delaware	379	71.2	2.6	(66.1–76.2)
Durham, North Carolina	266	72.4	4.0	(64.5–80.2)
Edison, New Jersey†	625	71.1	2.2	(66.7–75.4)
El Paso, Texas	251	65.2	3.5	(58.3–72.0)
Eugene-Springfield, Oregon	176	74.2	3.7	(66.9–81.4)
Evansville, Indiana-Kentucky	170	71.8	4.1	(63.7–79.8)
Fargo, North Dakota-Minnesota	238	75.8	4.2	(67.5–84.0)
Farmington, New Mexico	192	63.4	4.3	(54.9–71.8)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	244	64.7	4.1	(56.6–72.7)
Fort Collins-Loveland, Colorado	157	73.2	3.7	(65.9–80.4)
Fort Wayne, Indiana	230	68.4	3.4	(61.7–75.0)
Fort Worth-Arlington, Texas†	243	74.1	3.6	(67.0–81.1)

See footnotes on page 81.

**TABLE 20. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by metropolitan and micropolitan statistical area (MMSA)— Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA(s)	Sample Size	%	SE	(95% CI)
Gainesville, Florida	320	66.5	4.0	(58.6–74.3)
Grand Island, Nebraska	341	69.8	2.9	(64.1–75.4)
Grand Rapids-Wyoming, Michigan	202	71.1	3.5	(64.2–77.9)
Greensboro-High Point, North Carolina	395	66.8	2.9	(61.1–72.4)
Greenville, South Carolina	298	69.8	3.6	(62.7–76.8)
Hagerstown-Martinsburg, Maryland-West Virginia	193	68.8	4.0	(60.9–76.6)
Hartford-West Hartford-East Hartford, Connecticut	633	71.9	2.0	(67.9–75.8)
Hastings, Nebraska	218	72.3	3.3	(65.8–78.7)
Helena, Montana	217	69.3	3.3	(62.8–75.7)
Hickory-Morganton-Lenoir, North Carolina	202	69.9	3.9	(62.2–77.5)
Hilo, Hawaii	416	61.2	2.8	(55.7–66.6)
Hilton Head Island-Beaufort, South Carolina	355	72.5	2.7	(67.2–77.7)
Homosassa Springs, Florida	265	73.6	3.0	(67.7–79.4)
Honolulu, Hawaii	967	66.3	1.8	(62.7–69.8)
Houston-Sugar Land-Baytown, Texas	701	64.7	2.3	(60.1–69.2)
Huntington-Ashland, West Virginia-Kentucky-Ohio	212	70.0	3.9	(62.3–77.6)
Idaho Falls, Idaho	197	57.0	3.9	(49.3–64.6)
Indianapolis-Carmel, Indiana	642	71.8	2.4	(67.0–76.5)
Jackson, Mississippi	257	69.5	3.2	(63.2–75.7)
Jacksonville, Florida	844	64.8	2.9	(59.1–70.4)
Kahului-Wailuku, Hawaii	440	65.7	2.9	(60.0–71.3)
Kalispell, Montana	215	74.8	3.3	(68.3–81.2)
Kansas City, Missouri-Kansas	1,059	70.3	1.9	(66.5–74.0)
Kapaa, Hawaii	199	66.4	3.7	(59.1–73.6)
Kennewick-Richland-Pasco, Washington	178	70.6	3.9	(62.9–78.2)
Key West-Marathon, Florida	203	61.6	4.0	(53.7–69.4)
Kingsport-Bristol, Tennessee-Virginia	276	75.7	3.5	(68.8–82.5)
Knoxville, Tennessee	182	71.9	4.2	(63.6–80.1)
Lake City, Florida	175	64.1	4.7	(54.8–73.3)
Lakeland-Winter Haven, Florida	203	67.5	3.7	(60.2–74.7)
Laredo, Texas	186	48.6	4.1	(40.5–56.6)
Las Cruces, New Mexico	192	66.3	3.9	(58.6–73.9)
Las Vegas-Paradise, Nevada	399	64.0	2.9	(58.3–69.6)
Lebanon, New Hampshire-Vermont	494	70.4	2.3	(65.8–74.9)
Lewiston, Idaho-Washington	241	61.4	3.5	(54.5–68.2)
Lewiston-Auburn, Maine	150	65.2	4.8	(55.7–74.6)
Lincoln, Nebraska	374	70.5	2.9	(64.8–76.1)
Little Rock-North Little Rock, Arkansas	302	67.9	3.2	(61.6–74.1)
Los Angeles-Long Beach-Glendale, California†	664	57.4	2.4	(52.6–62.1)
Louisville, Kentucky-Indiana	264	62.6	3.5	(55.7–69.4)
Lubbock, Texas	303	69.9	3.0	(64.0–75.7)
Manchester-Nashua, New Hampshire	403	71.2	2.5	(66.3–76.1)
McAllen-Edinburg-Mission, Texas	174	62.6	4.1	(54.5–70.6)
Memphis, Tennessee-Mississippi-Arkansas	394	62.9	3.6	(55.8–69.9)
Miami-Fort Lauderdale-Miami Beach, Florida	341	60.1	3.4	(53.4–66.7)
Midland, Texas	207	61.0	3.8	(53.5–68.4)
Milwaukee-Waukesha-West Allis, Wisconsin	390	77.8	2.9	(72.1–83.4)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	1,050	72.6	1.9	(68.8–76.3)
Minot, North Dakota	168	68.4	4.0	(60.5–76.2)
Mobile, Alabama	234	71.0	3.2	(64.7–77.2)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	211	70.9	3.6	(63.8–77.9)
Naples-Marco Island, Florida	299	79.9	2.6	(74.8–84.9)
Nashville-Davidson-Murfreesboro, Tennessee	253	67.0	3.7	(59.7–74.2)
Nassau-Suffolk, New York*	354	68.1	2.9	(62.4–73.7)
Newark-Union, New Jersey-Pennsylvania†	767	63.5	2.2	(59.1–67.8)
New Haven-Milford, Connecticut	542	69.2	2.6	(64.1–74.2)
New Orleans-Metairie-Kenner, Louisiana	445	67.1	2.6	(62.0–72.1)
New York-White Plains-Wayne, New York-New Jersey†	1,612	58.0	1.6	(54.8–61.1)
Norfolk, Nebraska	247	71.9	3.1	(65.8–77.9)
North Platte, Nebraska	220	66.5	3.6	(59.4–73.5)
North Port-Bradenton-Sarasota, Florida	574	75.1	2.1	(70.9–79.2)
Ocala, Florida	305	75.3	2.8	(69.8–80.7)
Ocean City, New Jersey	188	64.8	3.8	(57.3–72.2)

See footnotes on page 81.

**TABLE 20. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by metropolitan and micropolitan statistical area (MMSA)— Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA(s)	Sample Size	%	SE	(95% CI)
Ogden-Clearfield, Utah	438	65.2	2.6	(60.1–70.2)
Oklahoma City, Oklahoma	757	71.5	1.8	(67.9–75.0)
Olympia, Washington	210	62.0	3.9	(54.3–69.6)
Omaha-Council Bluffs, Nebraska-Iowa	636	75.2	2.1	(71.0–79.3)
Orlando-Kissimmee, Florida	857	64.2	2.0	(60.2–68.1)
Palm Bay-Melbourne-Titusville, Florida	233	67.6	3.4	(60.9–74.2)
Panama City-Lynn Haven, Florida	182	72.8	4.0	(64.9–80.6)
Pensacola-Ferry Pass-Brent, Florida	317	71.3	2.9	(65.6–76.9)
Peabody, Massachusetts	568	68.8	30.	(62.9–74.6)
Philadelphia, Pennsylvania†	727	66.1	2.5	(61.2–71.0)
Phoenix-Mesa-Scottsdale, Arizona	639	73.2	2.1	(69.0–77.3)
Pittsburgh, Pennsylvania	859	75.2	1.6	(72.0–78.3)
Portland-South Portland-Biddeford, Maine	792	73.2	1.7	(69.8–76.5)
Portland-Vancouver-Beaverton, Oregon-Washington	1,058	73.9	1.7	(70.5–77.2)
Port St. Lucie-Fort Pierce, Florida	471	73.1	2.2	(68.7–77.4)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	2,819	70.0	1.2	(67.6–72.3)
Provo-Orem, Utah	261	68.0	3.1	(61.9–74.0)
Raleigh-Cary, North Carolina	238	70.3	4.0	(62.4–78.1)
Rapid City, South Dakota	276	68.8	3.0	(62.9–74.6)
Reno-Sparks, Nevada	397	72.3	2.5	(67.4–77.2)
Richmond, Virginia	220	75.2	3.5	(68.3–82.0)
Riverside-San Bernardino-Ontario, California	501	62.0	2.6	(56.9–67.0)
Rochester, New York	208	75.9	3.3	(69.4–82.3)
Rockingham County-Strafford County, New Hampshire†	446	74.8	2.3	(70.2–79.3)
Rutland, Vermont	220	70.1	3.4	(63.4–76.7)
Sacramento-Arden-Arcade-Roseville, California	401	71.8	2.7	(66.5–77.0)
St. Louis, Missouri-Illinois	526	72.4	2.8	(66.9–77.8)
Salt Lake City, Utah	992	73.6	1.6	(70.4–76.7)
San Antonio, Texas	396	71.4	2.8	(65.9–76.8)
San Diego-Carlsbad-San Marcos, California	479	62.8	2.8	(57.3–68.2)
San Francisco-Oakland-Fremont, California	673	57.2	2.8	(51.7–62.6)
San Jose-Sunnyvale-Santa Clara, California	247	74.0	4.1	(65.9–82.0)
Santa Ana-Anaheim-Irvine, California†	398	61.3	3.3	(54.8–67.7)
Santa Fe, New Mexico	188	65.7	4.1	(57.6–73.7)
Scottsbluff, Nebraska	327	64.3	3.4	(57.6–70.9)
Scranton-Wilkes-Barre, Pennsylvania	208	62.1	3.8	(54.6–69.5)
Seaford, Delaware	510	73.6	2.3	(69.0–78.1)
Seattle-Bellevue-Everett, Washington†	1,337	70.8	1.6	(67.6–73.9)
Sebring, Florida	288	66.9	3.3	(60.4–73.3)
Shreveport-Bossier City, Louisiana	228	68.2	3.6	(61.1–75.2)
Sioux City, Iowa-Nebraska-South Dakota	395	61.9	4.9	(52.2–71.5)
Sioux Falls, South Dakota	264	70.9	3.0	(65.0–76.7)
Spokane, Washington	388	73.5	2.5	(68.6–78.4)
Springfield, Massachusetts	552	71.4	2.6	(66.3–76.4)
Tacoma, Washington†	541	73.4	2.2	(69.0–77.7)
Tallahassee, Florida	606	68.7	3.3	(62.2–75.1)
Tampa-St. Petersburg-Clearwater, Florida	842	68.3	2.1	(64.1–72.4)
Toledo, Ohio	245	58.2	3.9	(50.5–65.8)
Topeka, Kansas	269	74.0	2.9	(68.3–79.6)
Trenton-Ewing, New Jersey	126	64.4	5.0	(54.6–74.2)
Tucson, Arizona	309	75.3	2.8	(69.8–80.7)
Tulsa, Oklahoma	718	74.1	1.9	(70.3–77.8)
Tuscaloosa, Alabama	156	56.7	4.4	(48.0–65.3)
Twin Falls, Idaho	202	75.9	3.3	(69.4–82.3)
Tyler, Texas	252	72.8	3.1	(66.7–78.8)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	296	68.7	3.6	(61.6–75.7)
Warren-Troy-Farmington Hills, Michigan†	624	65.3	2.2	(60.9–69.6)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	1,680	69.4	2.4	(64.6–74.1)
Wauchula, Florida	210	64.8	3.9	(57.1–72.4)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	258	74.4	3.0	(68.5–80.2)
Wichita, Kansas	607	68.4	2.0	(64.4–72.3)
Wichita Falls, Texas	343	73.1	3.2	(66.8–79.3)
Wilmington, Delaware-Maryland-New Jersey†	628	63.0	2.3	(58.4–67.5)

See footnotes on page 81

**TABLE 20. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by metropolitan and micropolitan statistical area (MMSA)— Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA(s)	Sample Size	%	SE	(95% CI)
Worcester, Massachusetts	522	73.5	2.7	(68.2–78.7)
Yakima, Washington	244	72.3	3.1	(66.2–78.3)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	369	61.8	3.9	(54.1–69.4)
Median		70.0		
Range		48.6–79.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was  $< 50$  or if the confidence interval half width is  $> 10$ .

† Metropolitan division.

**TABLE 21. Estimated prevalence of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample Size	%	SE	(95% CI)
Jefferson County, Alabama	198	65.3	4.0	(57.4–73.1)
Mobile County, Alabama	234	71.0	3.2	(64.7–77.2)
Tuscaloosa County, Alabama	127	60.4	4.6	(51.3–69.4)
Maricopa County, Arizona	465	73.4	2.3	(68.8–77.9)
Pima County, Arizona	309	75.3	2.8	(69.8–80.7)
Pinal County, Arizona	174	70.7	3.9	(63.0–78.3)
Benton County, Arkansas	137	NA*	NA	NA
Pulaski County, Arkansas	206	71.6	4.0	(63.7–79.4)
Washington County, Arkansas	94	NA	NA	NA
Alameda County, California	190	50.8	5.1	(40.8–60.7)
Contra Costa County, California	211	68.6	4.0	(60.7–76.4)
Los Angeles County, California	664	57.4	2.4	(52.6–62.1)
Orange County, California	398	61.3	3.3	(54.8–67.7)
Placer County, California	93	74.4	4.8	(64.9–83.8)
Riverside County, California	276	62.9	3.5	(56.0–69.7)
Sacramento County, California	223	71.8	3.7	(64.5–79.0)
San Bernardino County, California	225	60.6	4.0	(52.7–68.4)
San Diego County, California	479	62.8	2.8	(57.3–68.2)
San Francisco County, California	102	NA	NA	NA
San Mateo County, California	96	NA	NA	NA
Santa Clara County, California	238	73.0	4.3	(64.5–81.4)
Adams County, Colorado	178	73.8	4.2	(65.5–82.0)
Arapahoe County, Colorado	209	77.0	3.4	(70.3–83.6)
Denver County, Colorado	258	77.9	2.9	(72.2–83.5)
Douglas County, Colorado	96	76.7	4.8	(67.2–86.1)
El Paso County, Colorado	254	73.3	2.9	(67.6–78.9)
Jefferson County, Colorado	314	74.3	2.8	(68.8–79.7)
Larimer County, Colorado	157	73.2	3.7	(65.9–80.4)
Fairfield County, Connecticut	665	66.2	2.6	(61.1–71.2)
Hartford County, Connecticut	472	72.2	2.3	(67.6–76.7)
Middlesex County, Connecticut	91	75.5	5.1	(65.5–85.4)
New Haven County, Connecticut	542	69.2	2.6	(64.1–74.2)
Tolland County, Connecticut	70	NA	NA	NA
Kent County, Delaware	379	71.2	2.6	(66.1–76.2)
New Castle County, Delaware	504	66.3	2.4	(61.5–71.0)
Sussex County, Delaware	510	73.6	2.3	(69.0–78.1)
District of Columbia, District of Columbia	1,139	64.6	1.8	(61.0–68.1)
Alachua County, Florida	167	65.8	4.3	(57.3–74.2)
Baker County, Florida	149	NA	NA	NA
Bay County, Florida	182	72.8	4.0	(64.9–80.6)
Brevard County, Florida	233	67.6	3.4	(60.9–74.2)
Broward County, Florida	180	61.0	4.2	(52.7–69.2)
Citrus County, Florida	265	73.6	3.0	(67.7–79.4)
Clay County, Florida	146	NA	NA	NA
Collier County, Florida	299	79.9	2.6	(74.8–84.9)
Columbia County, Florida	175	64.1	4.7	(54.8–73.3)
DeSoto County, Florida	217	76.1	3.4	(69.4–82.7)
Duval County, Florida	157	60.7	4.5	(51.8–69.5)
Escambia County, Florida	174	75.6	3.6	(68.5–82.6)
Gadsden County, Florida	159	69.9	4.4	(61.2–78.5)
Gilchrist County, Florida	153	NA	NA	NA
Hardee County, Florida	210	64.8	3.9	(57.1–72.4)
Hernando County, Florida	214	64.9	3.7	(57.6–72.1)
Highlands County, Florida	288	66.9	3.3	(60.4–73.3)
Hillsborough County, Florida	163	68.5	3.9	(60.8–76.1)
Jefferson County, Florida	159	NA	NA	NA
Lake County, Florida	300	71.9	2.8	(66.4–77.3)
Lee County, Florida	251	75.0	3.1	(68.9–81.0)
Leon County, Florida	143	72.6	4.2	(64.3–80.8)
Manatee County, Florida	235	74.0	3.2	(67.7–80.2)
Marion County, Florida	305	75.3	2.8	(69.8–80.7)
Martin County, Florida	255	75.2	2.9	(69.5–80.8)
Miami-Dade County, Florida	161	61.1	4.7	(51.8–70.3)

See footnotes on page 86.



**TABLE 21. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample Size	%	SE	(95% CI)
Monroe County, Florida	203	61.6	4.0	(53.7–69.4)
Nassau County, Florida	189	71.3	3.8	(63.8–78.7)
Orange County, Florida	238	59.7	3.9	(52.0–67.3)
Osceola County, Florida	180	61.9	4.3	(53.4–70.3)
Palm Beach County, Florida	258	74.4	3.0	(68.5–80.2)
Pasco County, Florida	244	68.7	3.5	(61.8–75.5)
Pinellas County, Florida	221	70.7	3.4	(64.0–77.3)
Polk County, Florida	203	67.5	3.7	(60.2–74.7)
St. Johns County, Florida	203	76.6	3.3	(70.1–83.0)
St. Lucie County, Florida	216	71.6	3.2	(65.3–77.8)
Santa Rosa County, Florida	143	64.5	4.4	(55.8–73.1)
Sarasota County, Florida	339	75.6	2.7	(70.3–80.8)
Seminole County, Florida	139	67.9	4.4	(59.2–76.5)
Volusia County, Florida	387	76.8	2.5	(71.9–81.7)
Wakulla County, Florida	145	NA	NA	NA
Cobb County, Georgia	70	NA	NA	NA
DeKalb County, Georgia	87	NA	NA	NA
Fulton County, Georgia	80	NA	NA	NA
Gwinnett County, Georgia	48	NA	NA	NA
Hawaii County, Hawaii	416	61.2	2.8	(55.7–66.6)
Honolulu County, Hawaii	967	66.3	1.8	(62.7–69.8)
Kauai County, Hawaii	199	66.4	3.7	(59.1–73.6)
Maui County, Hawaii	440	65.7	2.9	(60.0–71.3)
Ada County, Idaho	265	71.2	3.0	(65.3–77.0)
Bonneville County, Idaho	151	57.3	4.5	(48.4–66.1)
Canyon County, Idaho	207	72.1	3.3	(65.6–78.5)
Kootenai County, Idaho	209	62.2	3.7	(54.9–69.4)
Nez Perce County, Idaho	143	57.8	4.6	(48.7–66.8)
Twin Falls County, Idaho	166	75.4	3.7	(68.1–82.6)
Cook County, Illinois	904	61.0	2.1	(56.8–65.1)
DuPage County, Illinois	72	NA	NA	NA
Allen County, Indiana	186	69.7	3.8	(62.2–77.1)
Lake County, Indiana	299	64.1	4.3	(55.6–72.5)
Marion County, Indiana	433	76.1	2.8	(70.6–81.5)
Linn County, Iowa	167	69.9	3.8	(62.4–77.3)
Polk County, Iowa	210	70.7	3.5	(63.8–77.5)
Johnson County, Kansas	378	79.8	2.2	(75.4–84.1)
Sedgwick County, Kansas	458	67.3	2.3	(62.7–71.8)
Shawnee County, Kansas	208	73.8	3.2	(67.5–80.0)
Wyandotte County, Kansas	211	60.7	3.9	(53.0–68.3)
Jefferson County, Kentucky	130	68.2	4.7	(58.9–77.4)
Caddo Parish, Louisiana	151	65.0	4.5	(56.1–73.8)
East Baton Rouge Parish, Louisiana	210	68.0	3.8	(60.5–75.4)
Jefferson Parish, Louisiana	192	67.0	4.0	(59.1–74.8)
Orleans Parish, Louisiana	115	68.0	4.6	(58.9–77.0)
St. Tammany Parish, Louisiana	93	NA	NA	NA
Androscoggin County, Maine	150	65.2	4.8	(55.7–74.6)
Cumberland County, Maine	414	75.9	2.3	(71.3–80.4)
Kennebec County, Maine	190	71.8	3.5	(64.9–78.6)
Penobscot County, Maine	191	77.9	3.2	(71.6–84.1)
Sagadahoc County, Maine	84	NA	NA	NA
York County, Maine	294	70.7	2.8	(65.2–76.1)
Anne Arundel County, Maryland	144	62.9	4.6	(53.8–71.9)
Baltimore County, Maryland	292	73.0	2.9	(67.3–78.6)
Cecil County, Maryland	65	NA	NA	NA
Charles County, Maryland	65	NA	NA	NA
Frederick County, Maryland	131	69.3	4.8	(59.8–78.7)
Harford County, Maryland	65	NA	NA	NA
Howard County, Maryland	70	79.4	5.1	(69.4–89.3)
Montgomery County, Maryland	265	71.6	3.4	(64.9–78.2)
Prince George's County, Maryland	178	62.1	4.2	(53.8–70.3)
Queen Anne's County, Maryland	80	NA	NA	NA
Washington County, Maryland	123	79.0	4.3	(70.5–87.4)

See footnotes on page 86.

**TABLE 21. (Continued) Estimated prevalence of adults aged  $\geq 65$  years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample Size	%	SE	(95% CI)
Baltimore city, Maryland	133	54.6	5.1	(44.6–64.5)
Bristol County, Massachusetts	766	67.3	3.1	(61.2–73.3)
Essex County, Massachusetts	568	68.4	3.0	(62.5–74.2)
Hampden County, Massachusetts	444	72.0	3.1	(65.9–78.0)
Hampshire County, Massachusetts	64	NA	NA	NA
Middlesex County, Massachusetts	695	74.8	2.2	(70.4–79.1)
Norfolk County, Massachusetts	241	65.6	3.4	(58.9–72.2)
Plymouth County, Massachusetts	196	69.4	3.6	(62.3–76.4)
Suffolk County, Massachusetts	409	62.3	3.3	(55.8–68.7)
Worcester County, Massachusetts	522	73.5	2.7	(68.2–78.7)
Kent County, Michigan	142	72.2	4.2	(63.9–80.4)
Macomb County, Michigan	195	66.0	3.8	(58.5–73.4)
Oakland County, Michigan	322	64.5	3.1	(58.4–70.5)
Wayne County, Michigan	655	67.6	2.3	(63.0–72.1)
Anoka County, Minnesota	73	NA	NA	NA
Dakota County, Minnesota	107	NA	NA	NA
Hennepin County, Minnesota	454	73.3	3.2	(67.0–79.5)
Ramsey County, Minnesota	217	72.2	4.6	(63.1–81.2)
Washington County, Minnesota	60	NA	NA	NA
DeSoto County, Mississippi	146	71.7	4.5	(62.8–80.5)
Hinds County, Mississippi	116	73.7	4.5	(64.8–82.5)
Jackson County, Missouri	175	71.1	3.8	(63.6–78.5)
St. Louis County, Missouri	201	79.3	3.8	(71.8–86.7)
St. Louis city, Missouri	182	NA	NA	NA
Flathead County, Montana	215	74.8	3.3	(68.3–81.2)
Lewis and Clark County, Montana	181	69.4	3.7	(62.1–76.6)
Yellowstone County, Montana	190	76.2	3.6	(69.1–83.2)
Adams County, Nebraska	172	77.2	3.4	(70.5–83.8)
Dakota County, Nebraska	249	56.9	3.3	(50.4–63.3)
Douglas County, Nebraska	266	75.9	3.0	(70.0–81.7)
Hall County, Nebraska	227	69.0	3.6	(61.9–76.0)
Lancaster County, Nebraska	273	71.5	3.1	(65.4–77.5)
Lincoln County, Nebraska	210	67.4	3.7	(60.1–74.6)
Madison County, Nebraska	174	73.1	3.7	(65.8–80.3)
Sarpy County, Nebraska	145	69.4	4.7	(60.1–78.6)
Scotts Bluff County, Nebraska	316	64.8	3.5	(57.9–71.6)
Seward County, Nebraska	101	NA	NA	NA
Clark County, Nevada	399	64.0	2.9	(58.3–69.6)
Washoe County, Nevada	389	72.7	2.6	(67.6–77.7)
Grafton County, New Hampshire	169	68.5	4.0	(60.6–76.3)
Hillsborough County, New Hampshire	403	71.2	2.5	(66.3–76.1)
Merrimack County, New Hampshire	206	69.3	3.7	(62.0–76.5)
Rockingham County, New Hampshire	272	73.4	2.9	(67.7–79.0)
Strafford County, New Hampshire	174	77.9	3.5	(71.0–84.7)
Atlantic County, New Jersey	250	59.3	3.8	(51.8–66.7)
Bergen County, New Jersey	170	58.3	4.6	(49.2–67.3)
Burlington County, New Jersey	165	65.6	4.2	(57.3–73.8)
Camden County, New Jersey	152	66.3	4.5	(57.4–75.1)
Cape May County, New Jersey	188	64.8	3.8	(57.3–72.2)
Essex County, New Jersey	243	54.8	4.0	(46.9–62.6)
Gloucester County, New Jersey	141	60.2	5.1	(50.2–70.1)
Hudson County, New Jersey	219	47.6	4.0	(39.7–55.4)
Hunterdon County, New Jersey	109	NA	NA	NA
Mercer County, New Jersey	126	64.4	5.0	(54.6–74.2)
Middlesex County, New Jersey	153	76.1	3.9	(68.4–83.7)
Monmouth County, New Jersey	141	62.8	4.8	(53.3–72.2)
Morris County, New Jersey	161	65.7	4.3	(57.2–74.1)
Ocean County, New Jersey	203	75.9	3.5	(69.0–82.7)
Passaic County, New Jersey	139	60.3	5.0	(50.5–70.1)
Somerset County, New Jersey	128	67.9	4.9	(58.2–77.5)
Sussex County, New Jersey	112	65.8	5.0	(56.0–75.6)
Union County, New Jersey	122	71.0	4.8	(61.5–80.4)
Warren County, New Jersey	150	62.5	4.5	(53.6–71.3)

See footnotes on page 86.

**TABLE 21. (Continued) Estimated prevalence of adults aged ≥65 years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample Size	%	SE	(95% CI)
Bernalillo County, New Mexico	393	74.3	2.5	(69.4–79.2)
Dona Ana County, New Mexico	192	66.3	3.9	(58.6–73.9)
Sandoval County, New Mexico	153	77.1	3.8	(69.6–84.5)
San Juan County, New Mexico	192	63.4	4.3	(54.9–71.8)
Santa Fe County, New Mexico	188	65.7	4.1	(57.6–73.7)
Valencia County, New Mexico	107	NA	NA	NA
Bronx County, New York	107	NA	NA	NA
Erie County, New York	170	74.2	3.7	(66.9–81.4)
Kings County, New York	214	56.6	4.1	(48.5–64.6)
Monroe County, New York	142	77.0	3.9	(69.3–84.6)
Nassau County, New York	160	72.6	4.0	(64.7–80.4)
New York County, New York	306	63.3	3.8	(55.8–70.7)
Queens County, New York	223	60.1	3.9	(52.4–67.7)
Suffolk County, New York	194	65.3	3.8	(57.8–72.7)
Westchester County, New York	113	NA	NA	NA
Buncombe County, North Carolina	98	79.1	4.5	(70.2–87.9)
Cabarrus County, North Carolina	104	75.5	4.6	(66.4–84.5)
Catawba County, North Carolina	101	75.9	4.7	(66.6–85.1)
Durham County, North Carolina	161	80.4	3.4	(73.7–87.0)
Gaston County, North Carolina	84	NA	NA	NA
Guilford County, North Carolina	222	69.2	3.4	(62.5–75.8)
Johnston County, North Carolina	70	NA	NA	NA
Mecklenburg County, North Carolina	171	69.0	4.3	(60.5–77.4)
Orange County, North Carolina	72	NA	NA	NA
Randolph County, North Carolina	144	67.9	4.7	(58.6–77.1)
Union County, North Carolina	99	NA	NA	NA
Wake County, North Carolina	157	74.1	4.1	(66.0–82.1)
Burleigh County, North Dakota	163	69.8	3.7	(62.5–77.0)
Cass County, North Dakota	223	75.7	3.1	(69.6–81.7)
Ward County, North Dakota	137	69.7	4.4	(61.0–78.3)
Cuyahoga County, Ohio	215	71.8	3.3	(65.3–78.2)
Franklin County, Ohio	169	74.4	3.6	(67.3–81.4)
Hamilton County, Ohio	216	69.4	3.4	(62.7–76.0)
Lucas County, Ohio	206	56.1	3.9	(48.4–63.7)
Mahoning County, Ohio	246	62.9	3.5	(56.0–69.7)
Montgomery County, Ohio	243	73.9	3.2	(67.6–80.1)
Stark County, Ohio	224	67.5	3.6	(60.4–74.5)
Summit County, Ohio	223	71.0	3.4	(64.3–77.6)
Cleveland County, Oklahoma	121	70.6	4.9	(60.9–80.2)
Oklahoma County, Oklahoma	453	73.0	2.3	(68.4–77.5)
Tulsa County, Oklahoma	495	71.0	2.4	(66.2–75.7)
Clackamas County, Oregon	142	67.4	4.3	(58.9–75.8)
Lane County, Oregon	176	74.2	3.7	(66.9–81.4)
Multnomah County, Oregon	248	75.9	3.0	(70.0–81.7)
Washington County, Oregon	174	77.9	3.4	(71.2–84.5)
Allegheny County, Pennsylvania	491	73.4	2.2	(69.0–77.7)
Lehigh County, Pennsylvania	76	NA	NA	NA
Luzerne County, Pennsylvania	119	62.0	5.0	(52.2–71.8)
Montgomery County, Pennsylvania	105	67.8	5.0	(58.0–77.6)
Northampton County, Pennsylvania	94	NA	NA	NA
Philadelphia County, Pennsylvania	436	62.6	2.7	(57.3–67.8)
Westmoreland County, Pennsylvania	124	76.5	4.3	(68.0–84.9)
Bristol County, Rhode Island	84	78.6	4.8	(69.1–88.0)
Kent County, Rhode Island	294	74.6	2.9	(68.9–80.2)
Newport County, Rhode Island	164	71.3	3.7	(64.0–78.5)
Providence County, Rhode Island	1,250	70.6	1.5	(67.6–73.5)
Washington County, Rhode Island	261	65.2	3.4	(58.5–71.8)
Aiken County, South Carolina	180	64.6	4.0	(56.7–72.4)
Beaufort County, South Carolina	314	72.5	2.8	(67.0–77.9)
Berkeley County, South Carolina	106	NA	NA	NA
Charleston County, South Carolina	239	66.6	4.5	(57.7–75.4)
Greenville County, South Carolina	193	77.1	3.9	(69.4–84.7)
Horry County, South Carolina	211	70.9	3.6	(63.8–77.9)

See footnotes on page 86.

**TABLE 21. (Continued) Estimated prevalence of adults aged ≥65 years who had ever received a pneumococcal vaccination, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample Size	%	SE	(95% CI)
Richland County, South Carolina	205	76.5	4.5	(67.6–85.3)
Minnehaha County, South Dakota	192	73.7	3.4	(67.0–80.3)
Pennington County, South Dakota	214	69.7	3.4	(63.0–76.3)
Davidson County, Tennessee	139	64.1	5.0	(54.3–73.9)
Hamilton County, Tennessee	130	63.1	4.9	(53.4–72.7)
Knox County, Tennessee	123	71.8	4.7	(62.5–81.0)
Shelby County, Tennessee	130	61.3	4.9	(51.6–70.9)
Sullivan County, Tennessee	204	71.7	3.6	(64.6–78.7)
Bexar County, Texas	342	71.4	2.8	(65.9–76.8)
Dallas County, Texas	138	72.3	4.4	(63.6–80.9)
El Paso County, Texas	251	65.2	3.5	(58.3–72.0)
Fort Bend County, Texas	204	60.5	4.1	(52.4–68.5)
Harris County, Texas	381	67.3	2.8	(61.8–72.7)
Hidalgo County, Texas	174	62.6	4.1	(54.5–70.6)
Lubbock County, Texas	293	69.8	3.0	(63.9–75.6)
Midland County, Texas	207	61.0	3.8	(53.5–68.4)
Potter County, Texas	105	83.1	4.0	(75.2–90.9)
Randall County, Texas	176	72.3	3.8	(64.8–79.7)
Smith County, Texas	252	72.8	3.1	(66.7–78.8)
Tarrant County, Texas	192	76.3	3.5	(69.4–83.1)
Travis County, Texas	181	NA	NA	NA
Val Verde County, Texas	191	61.6	3.7	(54.3–68.8)
Webb County, Texas	186	48.6	4.1	(40.5–56.6)
Wichita County, Texas	287	72.4	2.9	(66.7–78.0)
Davis County, Utah	198	65.7	3.7	(58.4–72.9)
Salt Lake County, Utah	786	74.0	1.7	(70.6–77.3)
Summit County, Utah	85	77.1	4.9	(67.4–86.7)
Tooele County, Utah	121	NA	NA	NA
Utah County, Utah	245	68.0	3.2	(61.7–74.2)
Weber County, Utah	225	65.4	3.5	(58.5–72.2)
Chittenden County, Vermont	355	75.1	2.5	(70.2–80.0)
Franklin County, Vermont	112	72.4	4.5	(63.5–81.2)
Orange County, Vermont	91	73.0	4.9	(63.3–82.6)
Rutland County, Vermont	220	70.1	3.4	(63.4–76.7)
Washington County, Vermont	226	71.9	3.4	(65.2–78.5)
Windsor County, Vermont	234	71.1	3.2	(64.8–77.3)
Benton County, Washington	125	68.6	4.5	(59.7–77.4)
Clark County, Washington	322	74.7	2.6	(69.6–79.7)
Franklin County, Washington	53	NA	NA	NA
King County, Washington	893	73.9	1.6	(70.7–77.0)
Kitsap County, Washington	287	67.2	3.0	(61.3–73.0)
Pierce County, Washington	541	73.8	2.1	(69.6–77.9)
Snohomish County, Washington	444	70.6	2.4	(65.8–75.3)
Spokane County, Washington	388	73.5	2.5	(68.6–78.4)
Thurston County, Washington	210	62.0	3.9	(54.3–69.6)
Yakima County, Washington	244	72.3	3.1	(66.2–78.3)
Kanawha County, West Virginia	190	67.7	3.8	(60.2–75.1)
Milwaukee County, Wisconsin	301	71.4	4.2	(63.1–79.6)
Laramie County, Wyoming	312	71.3	2.9	(65.6–76.9)
Natrona County, Wyoming	225	73.5	3.3	(67.0–79.9)
Median		70.6		
Range		47.6–83.1		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was &lt;50 or if the confidence interval half width is &gt;10.

**TABLE 22. Estimated prevalence of adults aged  $\geq 50$  years who ever had a sigmoidoscopy or colonoscopy, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	5,033	63.9	0.9	(62.0–65.7)
Alaska	1,000	61.9	2.2	(57.6–66.2)
Arizona	4,044	61.1	1.6	(58.0–64.2)
Arkansas	2,842	60.9	1.1	(58.7–63.2)
California	9,964	61.5	0.6	(60.2–62.7)
Colorado	7,037	65.3	0.7	(63.8–66.7)
Connecticut	4,275	75.7	0.9	(74.0–77.5)
Delaware	2,802	74.0	1.1	(71.9–76.1)
District of Columbia	2,419	66.4	1.4	(63.6–69.1)
Florida	24,195	68.2	0.7	(66.8–69.7)
Georgia	3,522	67.7	1.0	(65.7–69.7)
Hawaii	4,349	61.5	1.0	(59.5–63.5)
Idaho	4,568	59.8	0.9	(58.0–61.6)
Illinois	3,328	61.9	1.1	(59.6–64.1)
Indiana	6,581	62.8	0.8	(61.2–64.4)
Iowa	4,060	64.2	0.9	(62.5–65.9)
Kansas	5,782	64.2	0.7	(62.7–65.6)
Kentucky	5,253	63.7	1.0	(61.7–65.7)
Louisiana	4,488	60.8	0.9	(59.1–62.5)
Maine	5,469	74.3	0.7	(72.9–75.7)
Maryland	5,502	72.3	0.8	(70.7–73.9)
Massachusetts	9,384	75.2	0.7	(73.9–76.5)
Michigan	6,091	70.9	0.7	(69.5–72.4)
Minnesota	5,390	72.2	0.9	(70.5–74.0)
Mississippi	5,505	59.5	0.9	(57.8–61.2)
Missouri	3,605	65.2	1.1	(63.0–67.5)
Montana	4,926	61.0	0.9	(59.2–62.8)
Nebraska	11,269	61.8	0.8	(60.3–63.3)
Nevada	2,439	61.5	1.5	(58.5–64.5)
New Hampshire	3,988	75.2	0.8	(73.5–76.8)
New Jersey	7,154	65.6	0.8	(64.0–67.1)
New Mexico	4,661	61.3	0.9	(59.5–63.1)
New York	5,584	71.2	0.8	(69.7–72.7)
North Carolina	7,699	69.6	0.8	(68.1–71.2)
North Dakota	3,043	61.1	1.0	(59.2–63.1)
Ohio	6,392	64.0	0.8	(62.5–65.6)
Oklahoma	5,143	58.0	0.8	(56.4–59.6)
Oregon	3,488	66.1	0.9	(64.2–67.9)
Pennsylvania	7,349	68.0	0.7	(66.6–69.4)
Rhode Island	4,222	74.5	0.8	(72.9–76.1)
South Carolina	6,383	67.3	0.9	(65.4–69.1)
South Dakota	4,435	67.1	0.9	(65.4–68.9)
Tennessee	3,838	60.5	1.1	(58.4–62.7)
Texas	11,280	61.6	0.9	(59.7–63.4)
Utah	5,528	69.9	0.8	(68.4–71.4)
Vermont	4,563	73.1	0.8	(71.6–74.6)
Virginia	3,333	69.3	1.2	(67.0–71.6)
Washington	13,435	70.7	0.5	(69.7–71.7)
West Virginia	2,957	54.4	1.0	(52.3–56.4)
Wisconsin	2,946	69.4	1.1	(67.3–71.5)
Wyoming	3,954	59.3	0.9	(57.5–61.1)
Guam	316	37.8	3.1	(31.7–43.9)
Puerto Rico	2,379	43.4	1.2	(41.1–45.8)
Virgin Islands	1,012	42.1	1.9	(38.4–45.9)
Median		64.2		
Range		37.8–75.7		

Abbreviations: SE = standard error; CI = confidence interval.

**TABLE 23. Estimated prevalence of adults aged  $\geq 50$  years who ever had a sigmoidoscopy or colonoscopy, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	535	66.1	2.5	(61.2–71.0)
Albuquerque, New Mexico	1,427	65.7	1.6	(62.5–68.8)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	687	65.7	2.5	(60.8–70.6)
Amarillo, Texas	553	65.8	2.4	(61.0–70.5)
Arcadia, Florida	371	61.6	3.8	(54.1–69.0)
Asheville, North Carolina	410	68.1	3.1	(62.0–74.1)
Atlanta-Sandy Springs-Marietta, Georgia	1,357	69.2	1.7	(65.8–72.5)
Atlantic City, New Jersey	571	61.9	2.5	(57.0–66.8)
Augusta-Richmond County, Georgia-South Carolina	570	64.4	2.7	(59.1–69.6)
Augusta-Waterville, Maine	438	77.1	2.2	(72.7–81.4)
Austin-Round Rock, Texas	569	71.4	3.3	(64.9–77.8)
Baltimore-Towson, Maryland	1,995	70.6	1.3	(68.0–73.1)
Bangor, Maine	452	73.1	2.3	(68.5–77.6)
Barre, Vermont	460	78.4	2.2	(74.0–82.7)
Baton Rouge, Louisiana	736	65.6	2.2	(61.2–69.9)
Bethesda-Gaithersburg-Frederick, Maryland*	932	75.6	1.8	(72.0–79.1)
Billings, Montana	379	67.3	2.9	(61.6–72.9)
Birmingham-Hoover, Alabama	773	66.3	2.2	(61.9–70.6)
Bismarck, North Dakota	495	64.9	2.4	(60.1–69.6)
Boise City-Nampa, Idaho	1,032	62.2	1.8	(58.6–65.7)
Boston-Quincy, Massachusetts*	1,879	76.9	1.4	(74.1–79.6)
Bremerton-Silverdale, Washington	627	72.9	2.0	(68.9–76.8)
Bridgeport-Stamford-Norwalk, Connecticut	1,330	74.7	1.8	(71.1–78.2)
Buffalo-Cheektowaga-Tonawanda, New York	422	74.8	2.3	(70.2–79.3)
Burlington-South Burlington, Vermont	1,242	75.5	1.4	(72.7–78.2)
Cambridge-Newton-Framingham, Massachusetts*	1,617	76.6	1.5	(73.6–79.5)
Camden, New Jersey*	1,007	68.7	1.8	(65.1–72.2)
Canton-Massillon, Ohio	508	66.4	2.5	(61.5–71.3)
Cape Coral-Fort Myers, Florida	378	73.0	2.7	(67.7–78.2)
Casper, Wyoming	517	61.6	2.4	(56.8–66.3)
Cedar Rapids, Iowa	353	68.3	3.0	(62.4–74.1)
Charleston, West Virginia	542	61.0	2.4	(56.2–65.7)
Charleston-North Charleston, South Carolina	768	73.2	2.8	(67.7–78.6)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,042	72.1	1.9	(68.3–75.8)
Chattanooga, Tennessee-Georgia	347	64.4	3.7	(57.1–71.6)
Cheyenne, Wyoming	610	64.8	2.3	(60.2–69.3)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,095	60.8	1.4	(58.0–63.5)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,171	65.8	2.1	(61.6–69.9)
Cleveland-Elyria-Mentor, Ohio	731	63.9	2.1	(59.7–68.0)
Coeur d'Alene, Idaho	414	66.5	2.6	(61.4–71.5)
Colorado Springs, Colorado	667	65.3	2.2	(60.9–69.6)
Columbia, South Carolina	721	66.0	2.7	(60.7–71.2)
Columbus, Ohio	824	66.4	2.0	(62.4–70.3)
Concord, New Hampshire	431	76.8	2.3	(72.2–81.3)
Dallas-Plano-Irving, Texas*	430	60.5	4.0	(52.6–68.3)
Dayton, Ohio	586	75.9	2.2	(71.5–80.2)
Del Rio, Texas	351	39.5	3.8	(32.0–46.9)
Deltona-Daytona Beach-Ormond Beach, Florida	657	71.8	2.4	(67.0–76.5)
Denver-Aurora, Colorado	2,783	67.9	1.1	(65.7–70.0)
Des Moines-West Des Moines, Iowa	633	65.5	2.1	(61.3–69.6)
Detroit-Livonia-Dearborn, Michigan*	1,314	68.2	2.0	(64.2–72.1)
Dover, Delaware	775	75.7	1.8	(72.1–79.2)
Durham, North Carolina	613	67.6	3.1	(61.5–73.6)
Edison, New Jersey*	1,319	68.3	1.6	(65.1–71.4)
El Paso, Texas	508	51.5	2.6	(46.4–56.5)
Eugene-Springfield, Oregon	367	64.3	2.9	(58.6–69.9)
Evansville, Indiana-Kentucky	363	67.8	3.0	(61.9–73.6)
Fargo, North Dakota-Minnesota	522	79.9	2.4	(75.1–84.6)
Farmington, New Mexico	440	57.5	2.9	(51.8–63.1)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	454	58.3	3.4	(51.6–64.9)
Fort Collins-Loveland, Colorado	361	70.3	2.8	(64.8–75.7)
Fort Wayne, Indiana	462	60.6	2.8	(55.1–66.0)
Fort Worth-Arlington, Texas*	477	67.4	3.0	(61.5–73.2)

See footnotes on page 91.



**TABLE 23. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who ever had a sigmoidoscopy or colonoscopy, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	638	68.9	3.0	(63.0–74.7)
Grand Island, Nebraska	603	60.0	2.3	(55.4–64.5)
Grand Rapids-Wyoming, Michigan	412	77.2	2.7	(71.9–82.4)
Greensboro-High Point, North Carolina	792	71.6	2.2	(67.2–75.9)
Greenville, South Carolina	556	69.7	2.9	(64.0–75.3)
Hagerstown-Martinsburg, Maryland-West Virginia	421	61.5	2.9	(55.8–67.1)
Hartford-West Hartford-East Hartford, Connecticut	1,318	76.9	1.5	(73.9–79.8)
Hastings, Nebraska	410	55.6	2.8	(50.1–61.0)
Helena, Montana	468	65.4	2.5	(60.5–70.3)
Hickory-Morganton-Lenoir, North Carolina	396	64.0	3.0	(58.1–69.8)
Hilo, Hawaii	998	58.7	1.9	(54.9–62.4)
Hilton Head Island-Beaufort, South Carolina	588	70.9	2.4	(66.1–75.6)
Homosassa Springs, Florida	418	69.0	2.7	(63.7–74.2)
Honolulu, Hawaii	1,910	61.8	1.4	(59.0–64.5)
Houston-Sugar Land-Baytown, Texas	1,571	62.7	1.7	(59.3–66.0)
Huntington-Ashland, West Virginia-Kentucky-Ohio	441	53.1	3.1	(47.0–59.1)
Idaho Falls, Idaho	392	61.6	2.9	(55.9–67.2)
Indianapolis-Carmel, Indiana	1,383	68.1	1.7	(64.7–71.4)
Jackson, Mississippi	512	64.9	2.6	(59.8–69.9)
Jacksonville, Florida	1,658	69.7	2.1	(65.5–73.8)
Kahului-Wailuku, Hawaii	980	61.7	2.1	(57.5–65.8)
Kalispell, Montana	467	61.3	2.7	(56.0–66.5)
Kansas City, Missouri-Kansas	2,182	67.1	1.5	(64.1–70.0)
Kapaa, Hawaii	461	63.1	2.7	(57.8–68.3)
Kennewick-Richland-Pasco, Washington	405	70.1	3.3	(63.6–76.5)
Key West-Marathon, Florida	385	58.5	3.4	(51.8–65.1)
Kingsport-Bristol, Tennessee-Virginia	482	58.1	3.6	(51.0–65.1)
Knoxville, Tennessee	358	61.5	3.3	(55.0–67.9)
Lake City, Florida	358	66.4	3.3	(59.9–72.8)
Lakeland-Winter Haven, Florida	359	71.1	2.9	(65.4–76.7)
Laredo, Texas	418	37.3	3.3	(30.8–43.7)
Las Cruces, New Mexico	335	60.7	3.1	(54.6–66.7)
Las Vegas-Paradise, Nevada	741	60.5	2.2	(56.1–64.8)
Lebanon, New Hampshire-Vermont	1,052	73.8	1.5	(70.8–76.7)
Lewiston, Idaho-Washington	439	72.8	2.5	(67.9–77.7)
Lewiston-Auburn, Maine	317	71.7	3.1	(65.6–77.7)
Lincoln, Nebraska	757	66.4	2.2	(62.0–70.7)
Little Rock-North Little Rock, Arkansas	585	67.2	2.5	(62.3–72.1)
Los Angeles-Long Beach-Glendale, California*	1,305	56.3	1.8	(52.7–59.8)
Louisville, Kentucky-Indiana	580	65.5	2.4	(60.7–70.2)
Lubbock, Texas	523	64.4	2.7	(59.1–69.6)
Manchester-Nashua, New Hampshire	881	75.1	1.7	(71.7–78.4)
McAllen-Edinburg-Mission, Texas	332	54.0	3.5	(47.1–60.8)
Memphis, Tennessee-Mississippi-Arkansas	747	60.3	2.7	(55.0–65.5)
Miami-Fort Lauderdale-Miami Beach, Florida	657	66.5	2.7	(61.2–71.7)
Midland, Texas	367	56.5	3.1	(50.4–62.5)
Milwaukee-Waukesha-West Allis, Wisconsin	912	70.2	2.4	(65.4–74.9)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,717	74.2	1.3	(71.6–76.7)
Minot, North Dakota	341	61.5	2.9	(55.8–67.1)
Mobile, Alabama	450	59.2	3.0	(53.3–65.0)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	390	66.1	2.8	(60.6–71.5)
Naples-Marco Island, Florida	421	72.1	3.0	(66.2–77.9)
Nashville-Davidson-Murfreesboro, Tennessee	523	66.2	2.8	(60.7–71.6)
Nassau-Suffolk, New York*	674	67.0	2.3	(62.4–71.5)
Newark-Union, New Jersey-Pennsylvania*	1,857	65.6	1.5	(62.6–68.5)
New Haven-Milford, Connecticut	1,055	74.2	1.9	(70.4–77.9)
New Orleans-Metairie-Kenner, Louisiana	983	66.7	1.8	(63.1–70.2)
New York-White Plains-Wayne, New York-New Jersey*	3,438	68.8	1.1	(66.6–70.9)
Norfolk, Nebraska	471	58.7	2.7	(53.4–63.9)
North Platte, Nebraska	418	64.9	2.8	(59.4–70.3)
North Port-Bradenton-Sarasota, Florida	888	70.1	1.9	(66.3–73.8)
Ocala, Florida	443	68.0	2.8	(62.5–73.4)
Ocean City, New Jersey	371	66.9	2.7	(61.6–72.1)

See footnotes on page 91.

**TABLE 23. (Continued) Estimated prevalence of adults aged ≥50 years who ever had a sigmoidoscopy or colonoscopy, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	913	72.6	1.7	(69.2–75.9)
Oklahoma City, Oklahoma	1,538	63.1	1.4	(60.3–65.8)
Olympia, Washington	501	72.2	2.4	(67.4–76.9)
Omaha-Council Bluffs, Nebraska-Iowa	1,402	68.0	1.6	(64.8–71.1)
Orlando-Kissimmee, Florida	1,665	66.0	1.7	(62.6–69.3)
Palm Bay-Melbourne-Titusville, Florida	362	76.7	2.5	(71.8–81.6)
Panama City-Lynn Haven, Florida	350	75.3	3.1	(69.2–81.3)
Peabody, Massachusetts	1,204	74.4	2.1	(70.2–78.5)
Pensacola-Ferry Pass-Brent, Florida	658	71.9	2.3	(67.3–76.4)
Philadelphia, Pennsylvania*	1,475	71.8	1.7	(68.4–75.1)
Phoenix-Mesa-Scottsdale, Arizona	1,131	64.4	2.0	(60.4–68.3)
Pittsburgh, Pennsylvania	1,644	66.5	1.4	(63.7–69.2)
Portland-South Portland-Biddeford, Maine	1,754	76.5	1.3	(73.9–79.0)
Portland-Vancouver-Beaverton, Oregon-Washington	2,253	69.7	1.3	(67.1–72.2)
Port St. Lucie-Fort Pierce, Florida	751	71.4	2.0	(67.4–75.3)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	5,927	74.2	0.8	(72.6–75.7)
Provo-Orem, Utah	560	68.9	2.3	(64.3–73.4)
Raleigh-Cary, North Carolina	568	72.5	2.7	(67.2–77.7)
Rapid City, South Dakota	561	69.9	2.3	(65.3–74.4)
Reno-Sparks, Nevada	830	69.8	1.9	(66.0–73.5)
Richmond, Virginia	498	69.9	3.1	(63.8–75.9)
Riverside-San Bernardino-Ontario, California	1,003	55.4	1.9	(51.6–59.1)
Rochester, New York	402	73.9	2.7	(68.6–79.1)
Rockingham County-Strafford County, New Hampshire*	1,018	76.6	1.6	(73.4–79.7)
Rutland, Vermont	456	72.3	2.5	(67.4–77.2)
Sacramento-Arden-Arcade-Roseville, California	793	70.9	2.1	(66.7–75.0)
St. Louis, Missouri-Illinois	1,093	69.3	2.1	(65.1–73.4)
Salt Lake City, Utah	2,331	71.5	1.1	(69.3–73.6)
San Antonio, Texas	714	67.7	2.7	(62.4–72.9)
San Diego-Carlsbad-San Marcos, California	964	64.5	2.0	(60.5–68.4)
San Francisco-Oakland-Fremont, California	1,356	67.6	1.8	(64.0–71.1)
San Jose-Sunnyvale-Santa Clara, California	479	63.5	3.1	(57.4–69.5)
Santa Ana-Anaheim-Irvine, California*	815	64.8	2.2	(60.4–69.1)
Santa Fe, New Mexico	445	68.4	2.7	(63.1–73.6)
Scottsbluff, Nebraska	579	51.8	2.7	(46.5–57.0)
Scranton-Wilkes-Barre, Pennsylvania	389	68.4	2.8	(62.9–73.8)
Seaford, Delaware	936	74.5	1.7	(71.1–77.8)
Seattle-Bellevue-Everett, Washington*	3,032	71.4	1.1	(69.2–73.5)
Sebring, Florida	419	73.0	2.7	(67.7–78.2)
Shreveport-Bossier City, Louisiana	445	61.4	2.9	(55.7–67.0)
Sioux City, Iowa-Nebraska-South Dakota	754	58.9	3.5	(52.0–65.7)
Sioux Falls, South Dakota	536	74.8	2.1	(70.6–78.9)
Spokane, Washington	817	70.8	1.9	(67.0–74.5)
Springfield, Massachusetts	1,252	74.1	1.7	(70.7–77.4)
Tacoma, Washington*	1,111	73.4	1.7	(70.0–76.7)
Tallahassee, Florida	1,318	76.3	2.0	(72.3–80.2)
Tampa-St. Petersburg-Clearwater, Florida	1,454	68.0	1.7	(64.6–71.3)
Toledo, Ohio	562	64.6	2.6	(59.5–69.6)
Topeka, Kansas	579	72.1	2.2	(67.7–76.4)
Trenton-Ewing, New Jersey	297	69.1	3.1	(63.0–75.1)
Tucson, Arizona	512	71.1	2.5	(66.2–76.0)
Tulsa, Oklahoma	1,384	59.2	1.6	(56.0–62.3)
Tuscaloosa, Alabama	319	60.6	3.2	(54.3–66.8)
Twin Falls, Idaho	386	53.8	3.0	(47.9–59.6)
Tyler, Texas	451	75.2	2.5	(70.3–80.1)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	649	74.9	2.3	(70.3–79.4)
Warren-Troy-Farmington Hills, Michigan*	1,246	73.4	1.5	(70.4–76.3)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	3,755	72.7	1.8	(69.1–76.2)
Wauchula, Florida	354	57.4	3.2	(51.1–63.6)
West Palm Beach-Boca Raton-Boynton Beach, Florida*	412	73.4	2.9	(67.7–79.0)
Wichita, Kansas	1,241	68.1	1.5	(65.1–71.0)
Wichita Falls, Texas	590	64.0	2.8	(58.5–69.4)
Wilmington, Delaware-Maryland-New Jersey*	1,364	71.2	1.5	(68.2–74.1)

See footnotes on page 91.

**TABLE 23. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who ever had a sigmoidoscopy or colonoscopy, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	1,207	76.2	1.7	(72.8–79.5)
Yakima, Washington	492	60.6	2.9	(54.9–66.2)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	743	59.7	2.8	(54.2–65.1)
Median		67.7		
Range		37.3–79.9		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 24. Estimated prevalence of adults aged ≥50 years who ever had a sigmoidoscopy or colonoscopy, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	382	64.1	3.0	(58.2-69.9)
Mobile County, Alabama	450	59.2	3.0	(53.3-65.0)
Tuscaloosa County, Alabama	260	62.9	3.4	(56.2-69.5)
Maricopa County, Arizona	855	64.6	2.1	(60.4-68.7)
Pima County, Arizona	512	71.1	2.5	(66.2-76.0)
Pinal County, Arizona	276	64.9	4.2	(56.6-73.1)
Benton County, Arkansas	229	67.8	4.3	(59.3-76.2)
Pulaski County, Arkansas	399	72.1	3.1	(66.0-78.1)
Washington County, Arkansas	201	55.4	4.9	(45.7-65.0)
Alameda County, California	398	63.8	3.3	(57.3-70.2)
Contra Costa County, California	407	73.8	2.9	(68.1-79.4)
Los Angeles County, California	1,305	56.3	1.8	(52.7-59.8)
Orange County, California	815	64.8	2.2	(60.4-69.1)
Placer County, California	158	74.1	4.2	(65.8-82.3)
Riverside County, California	504	59.2	2.7	(53.9-64.4)
Sacramento County, California	450	69.2	2.8	(63.7-74.6)
San Bernardino County, California	499	51.5	2.7	(46.2-56.7)
San Diego County, California	964	64.5	2.0	(60.5-68.4)
San Francisco County, California	208	65.0	3.9	(57.3-72.6)
San Mateo County, California	213	67.1	4.1	(59.0-75.1)
Santa Clara County, California	459	64.1	3.2	(57.8-70.3)
Adams County, Colorado	442	62.6	2.8	(57.1-68.0)
Arapahoe County, Colorado	507	69.1	2.5	(64.2-74.0)
Denver County, Colorado	523	64.5	2.5	(59.6-69.4)
Douglas County, Colorado	265	77.5	3.0	(71.6-83.3)
El Paso County, Colorado	582	65.4	2.3	(60.8-69.9)
Jefferson County, Colorado	725	69.9	2.1	(65.7-74.0)
Larimer County, Colorado	361	70.3	2.8	(64.8-75.7)
Fairfield County, Connecticut	1,330	74.7	1.8	(71.1-78.2)
Hartford County, Connecticut	979	78.2	1.7	(74.8-81.5)
Middlesex County, Connecticut	170	75.7	3.9	(68.0-83.3)
New Haven County, Connecticut	1,055	74.2	1.9	(70.4-77.9)
Tolland County, Connecticut	169	72.6	4.0	(64.7-80.4)
Kent County, Delaware	775	75.7	1.8	(72.1-79.2)
New Castle County, Delaware	1,091	73.2	1.6	(70.0-76.3)
Sussex County, Delaware	936	74.5	1.7	(71.1-77.8)
District of Columbia, District of Columbia	2,419	69.2	1.2	(66.8-71.5)
Alachua County, Florida	349	68.6	3.4	(61.9-75.2)
Baker County, Florida	322	75.9	3.6	(68.8-82.9)
Bay County, Florida	350	75.3	3.1	(69.2-81.3)
Brevard County, Florida	362	76.7	2.5	(71.8-81.6)
Broward County, Florida	348	64.9	3.3	(58.4-71.3)
Citrus County, Florida	418	69.0	2.7	(63.7-74.2)
Clay County, Florida	294	72.2	3.1	(66.1-78.2)
Collier County, Florida	421	72.1	3.0	(66.2-77.9)
Columbia County, Florida	358	66.4	3.3	(59.9-72.8)
DeSoto County, Florida	371	61.6	3.8	(54.1-69.0)
Duval County, Florida	341	67.2	3.3	(60.7-73.6)
Escambia County, Florida	348	72.3	3.1	(66.2-78.3)
Gadsden County, Florida	348	69.8	3.3	(63.3-76.2)
Gilchrist County, Florida	289	NA*	NA	NA
Hardee County, Florida	354	57.4	3.2	(51.1-63.6)
Hernando County, Florida	363	68.6	2.7	(63.3-73.8)
Highlands County, Florida	419	73.0	2.7	(67.7-78.2)
Hillsborough County, Florida	332	70.1	3.1	(64.0-76.1)
Jefferson County, Florida	342	68.3	5.0	(58.5-78.1)
Lake County, Florida	453	74.1	2.4	(69.3-78.8)
Lee County, Florida	378	73.0	2.7	(67.7-78.2)
Leon County, Florida	314	80.7	2.7	(75.4-85.9)
Manatee County, Florida	396	71.4	2.7	(66.1-76.6)
Marion County, Florida	443	68.0	2.8	(62.5-73.4)
Martin County, Florida	404	71.7	3.1	(65.6-77.7)
Miami-Dade County, Florida	309	71.4	3.4	(64.7-78.0)

See footnotes on page 96.

**TABLE 24. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who ever had a sigmoidoscopy or colonoscopy, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	385	58.5	3.4	(51.8-65.1)
Nassau County, Florida	348	67.0	3.3	(60.5-73.4)
Orange County, Florida	552	61.5	2.9	(55.8-67.1)
Osceola County, Florida	355	63.9	3.3	(57.4-70.3)
Palm Beach County, Florida	412	73.4	2.9	(67.7-79.0)
Pasco County, Florida	385	65.2	2.9	(59.5-70.8)
Pinellas County, Florida	374	67.4	2.9	(61.7-73.0)
Polk County, Florida	359	71.1	2.9	(65.4-76.7)
St. Johns County, Florida	353	79.9	2.5	(75.0-84.8)
St. Lucie County, Florida	347	69.6	2.8	(64.1-75.0)
Santa Rosa County, Florida	310	70.7	3.5	(63.8-77.5)
Sarasota County, Florida	492	69.3	2.6	(64.2-74.3)
Seminole County, Florida	305	68.8	3.3	(62.3-75.2)
Volusia County, Florida	657	71.8	2.4	(67.0-76.5)
Wakulla County, Florida	314	67.5	4.7	(58.2-76.7)
Cobb County, Georgia	156	70.1	4.9	(60.4-79.7)
DeKalb County, Georgia	197	68.8	4.2	(60.5-77.0)
Fulton County, Georgia	191	73.0	4.2	(64.7-81.2)
Gwinnett County, Georgia	133	73.0	4.4	(64.3-81.6)
Hawaii County, Hawaii	998	58.7	1.9	(54.9-62.4)
Honolulu County, Hawaii	1,910	61.8	1.4	(59.0-64.5)
Kauai County, Hawaii	461	63.1	2.7	(57.8-68.3)
Maui County, Hawaii	980	61.7	2.1	(57.5-65.8)
Ada County, Idaho	539	66.9	2.5	(62.0-71.8)
Bonneville County, Idaho	302	63.1	3.2	(56.8-69.3)
Canyon County, Idaho	371	55.7	3.0	(49.8-61.5)
Kootenai County, Idaho	414	66.5	2.6	(61.4-71.5)
Nez Perce County, Idaho	263	71.4	3.1	(65.3-77.4)
Twin Falls County, Idaho	305	53.4	3.4	(46.7-60.0)
Cook County, Illinois	1,796	60.1	1.6	(56.9-63.2)
DuPage County, Illinois	152	62.5	4.6	(53.4-71.5)
Allen County, Indiana	376	61.2	3.2	(54.9-67.4)
Lake County, Indiana	629	58.5	3.4	(51.8-65.1)
Marion County, Indiana	929	71.2	2.2	(66.8-75.5)
Linn County, Iowa	309	71.6	2.9	(65.9-77.2)
Polk County, Iowa	477	66.2	2.4	(61.4-70.9)
Johnson County, Kansas	873	72.9	1.8	(69.3-76.4)
Sedgwick County, Kansas	957	70.4	1.7	(67.0-73.7)
Shawnee County, Kansas	444	74.5	2.5	(69.6-79.4)
Wyandotte County, Kansas	412	58.7	3.1	(52.6-64.7)
Jefferson County, Kentucky	265	65.7	3.5	(58.8-72.5)
Caddo Parish, Louisiana	294	63.3	3.6	(56.2-70.3)
East Baton Rouge Parish, Louisiana	450	68.1	2.7	(62.8-73.3)
Jefferson Parish, Louisiana	395	61.6	2.9	(55.9-67.2)
Orleans Parish, Louisiana	248	63.7	3.7	(56.4-70.9)
St. Tammany Parish, Louisiana	228	76.0	3.2	(69.7-82.2)
Androscoggin County, Maine	317	71.7	3.1	(65.6-77.7)
Cumberland County, Maine	934	75.4	1.8	(71.8-78.9)
Kennebec County, Maine	438	77.1	2.2	(72.7-81.4)
Penobscot County, Maine	452	73.1	2.3	(68.5-77.6)
Sagadahoc County, Maine	200	77.4	3.4	(70.7-84.0)
York County, Maine	620	78.2	1.9	(74.4-81.9)
Anne Arundel County, Maryland	359	73.0	2.9	(67.3-78.6)
Baltimore County, Maryland	646	72.2	2.1	(68.0-76.3)
Cecil County, Maryland	159	62.3	4.4	(53.6-70.9)
Charles County, Maryland	172	79.0	3.5	(72.1-85.8)
Frederick County, Maryland	315	70.1	3.0	(64.2-75.9)
Harford County, Maryland	161	66.7	4.3	(58.2-75.1)
Howard County, Maryland	179	80.6	3.1	(74.5-86.6)
Montgomery County, Maryland	617	76.8	2.0	(72.8-80.7)
Prince George's County, Maryland	424	77.0	2.4	(72.2-81.7)
Queen Anne's County, Maryland	188	75.2	3.6	(68.1-82.2)
Washington County, Maryland	267	67.4	3.5	(60.5-74.2)

See footnotes on page 96.

**TABLE 24. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who ever had a sigmoidoscopy or colonoscopy, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	321	66.2	3.4	(59.5-72.8)
Bristol County, Massachusetts	1,705	72.9	2.1	(68.7-77.0)
Essex County, Massachusetts	1,204	74.8	2.1	(70.6-78.9)
Hampden County, Massachusetts	968	74.4	2.1	(70.2-78.5)
Hampshire County, Massachusetts	176	76.2	3.5	(69.3-83.0)
Middlesex County, Massachusetts	1,617	76.5	1.5	(73.5-79.4)
Norfolk County, Massachusetts	506	79.6	2.1	(75.4-83.7)
Plymouth County, Massachusetts	415	75.7	2.7	(70.4-80.9)
Suffolk County, Massachusetts	958	77.2	1.8	(73.6-80.7)
Worcester County, Massachusetts	1,207	76.2	1.7	(72.8-79.5)
Kent County, Michigan	294	76.3	3.5	(69.4-83.1)
Macomb County, Michigan	343	70.7	2.9	(65.0-76.3)
Oakland County, Michigan	664	76.0	2.1	(71.8-80.1)
Wayne County, Michigan	1,314	68.2	2.0	(64.2-72.1)
Anoka County, Minnesota	201	72.8	4.2	(64.5-81.0)
Dakota County, Minnesota	298	74.2	3.4	(67.5-80.8)
Hennepin County, Minnesota	1,176	75.4	2.1	(71.2-79.5)
Ramsey County, Minnesota	564	75.7	3.1	(69.6-81.7)
Washington County, Minnesota	127	78.4	4.3	(69.9-86.8)
DeSoto County, Mississippi	257	68.7	4.2	(60.4-76.9)
Hinds County, Mississippi	222	62.9	4.3	(54.4-71.3)
Jackson County, Missouri	342	66.9	3.1	(60.8-72.9)
St. Louis County, Missouri	383	71.4	3.3	(64.9-77.8)
St. Louis city, Missouri	390	62.3	4.1	(54.2-70.3)
Flathead County, Montana	467	61.3	2.7	(56.0-66.5)
Lewis and Clark County, Montana	384	66.6	2.8	(61.1-72.0)
Yellowstone County, Montana	344	65.6	3.1	(59.5-71.6)
Adams County, Nebraska	330	57.3	3.1	(51.2-63.3)
Dakota County, Nebraska	455	55.1	2.8	(49.6-60.5)
Douglas County, Nebraska	583	66.8	2.3	(62.2-71.3)
Hall County, Nebraska	406	61.4	2.7	(56.1-66.6)
Lancaster County, Nebraska	552	67.7	2.4	(62.9-72.4)
Lincoln County, Nebraska	397	66.5	2.8	(61.0-71.9)
Madison County, Nebraska	330	60.2	3.1	(54.1-66.2)
Sarpy County, Nebraska	331	74.9	3.2	(68.6-81.1)
Scotts Bluff County, Nebraska	559	52.7	2.7	(47.4-57.9)
Seward County, Nebraska	205	53.0	4.0	(45.1-60.8)
Clark County, Nevada	741	60.5	2.2	(56.1-64.8)
Washoe County, Nevada	815	69.8	1.9	(66.0-73.5)
Grafton County, New Hampshire	339	77.1	2.6	(72.0-82.1)
Hillsborough County, New Hampshire	881	75.1	1.7	(71.7-78.4)
Merrimack County, New Hampshire	431	76.8	2.3	(72.2-81.3)
Rockingham County, New Hampshire	645	78.3	1.9	(74.5-82.0)
Strafford County, New Hampshire	373	72.0	2.8	(66.5-77.4)
Atlantic County, New Jersey	571	61.9	2.5	(57.0-66.8)
Bergen County, New Jersey	354	67.8	3.1	(61.7-73.8)
Burlington County, New Jersey	340	71.1	2.8	(65.6-76.5)
Camden County, New Jersey	362	68.8	2.9	(63.1-74.4)
Cape May County, New Jersey	371	66.9	2.7	(61.6-72.1)
Essex County, New Jersey	530	67.8	2.5	(62.9-72.7)
Gloucester County, New Jersey	305	66.3	3.3	(59.8-72.7)
Hudson County, New Jersey	521	58.2	2.8	(52.7-63.6)
Hunterdon County, New Jersey	304	73.5	3.0	(67.6-79.3)
Mercer County, New Jersey	297	69.1	3.1	(63.0-75.1)
Middlesex County, New Jersey	343	70.5	3.0	(64.6-76.3)
Monmouth County, New Jersey	335	63.1	3.1	(57.0-69.1)
Morris County, New Jersey	403	63.8	2.9	(58.1-69.4)
Ocean County, New Jersey	354	67.4	3.0	(61.5-73.2)
Passaic County, New Jersey	275	47.8	3.6	(40.7-54.8)
Somerset County, New Jersey	287	74.3	3.1	(68.2-80.3)
Sussex County, New Jersey	302	59.2	3.4	(52.5-65.8)
Union County, New Jersey	280	66.6	3.4	(59.9-73.2)
Warren County, New Jersey	303	64.7	3.1	(58.6-70.7)

See footnotes on page 96.



**TABLE 24. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who ever had a sigmoidoscopy or colonoscopy, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	819	66.2	1.9	(62.4-69.9)
Dona Ana County, New Mexico	335	60.7	3.1	(54.6-66.7)
Sandoval County, New Mexico	338	67.7	3.4	(61.0-74.3)
San Juan County, New Mexico	440	57.5	2.9	(51.8-63.1)
Santa Fe County, New Mexico	445	68.4	2.7	(63.1-73.6)
Valencia County, New Mexico	234	61.6	4.0	(53.7-69.4)
Bronx County, New York	228	65.6	3.8	(58.1-73.0)
Erie County, New York	338	73.9	2.7	(68.6-79.1)
Kings County, New York	480	66.2	2.9	(60.5-71.8)
Monroe County, New York	268	73.5	3.5	(66.6-80.3)
Nassau County, New York	309	65.5	3.5	(58.6-72.3)
New York County, New York	669	75.6	2.3	(71.0-80.1)
Queens County, New York	452	69.9	2.7	(64.6-75.1)
Suffolk County, New York	365	67.6	3.0	(61.7-73.4)
Westchester County, New York	221	80.4	3.0	(74.5-86.2)
Buncombe County, North Carolina	186	64.6	4.5	(55.7-73.4)
Cabarrus County, North Carolina	186	70.4	4.2	(62.1-78.6)
Catawba County, North Carolina	205	62.9	3.8	(55.4-70.3)
Durham County, North Carolina	362	75.2	2.8	(69.7-80.6)
Gaston County, North Carolina	178	67.9	4.1	(59.8-75.9)
Guilford County, North Carolina	464	73.4	2.4	(68.6-78.1)
Johnston County, North Carolina	159	70.2	3.8	(62.7-77.6)
Mecklenburg County, North Carolina	351	77.2	2.9	(71.5-82.8)
Orange County, North Carolina	173	66.0	4.1	(57.9-74.0)
Randolph County, North Carolina	276	70.7	3.2	(64.4-76.9)
Union County, North Carolina	214	63.4	4.2	(55.1-71.6)
Wake County, North Carolina	383	74.2	3.2	(67.9-80.4)
Burleigh County, North Dakota	362	65.4	2.8	(59.9-70.8)
Cass County, North Dakota	490	74.0	2.2	(69.6-78.3)
Ward County, North Dakota	284	62.4	3.3	(55.9-68.8)
Cuyahoga County, Ohio	466	62.3	2.7	(57.0-67.5)
Franklin County, Ohio	397	66.2	2.7	(60.9-71.4)
Hamilton County, Ohio	461	66.5	2.7	(61.2-71.7)
Lucas County, Ohio	474	63.7	2.7	(58.4-68.9)
Mahoning County, Ohio	519	58.5	2.6	(53.4-63.5)
Montgomery County, Ohio	495	73.3	2.3	(68.7-77.8)
Stark County, Ohio	489	66.5	2.5	(61.6-71.4)
Summit County, Ohio	473	64.0	2.6	(58.9-69.0)
Cleveland County, Oklahoma	260	61.0	3.5	(54.1-67.8)
Oklahoma County, Oklahoma	898	64.6	1.9	(60.8-68.3)
Tulsa County, Oklahoma	947	57.2	2.0	(53.2-61.1)
Clackamas County, Oregon	313	68.8	3.1	(62.7-74.8)
Lane County, Oregon	367	64.3	2.9	(58.6-69.9)
Multnomah County, Oregon	512	70.6	2.4	(65.8-75.3)
Washington County, Oregon	361	67.3	2.9	(61.6-72.9)
Allegheny County, Pennsylvania	931	67.1	1.8	(63.5-70.6)
Lehigh County, Pennsylvania	172	71.3	4.1	(63.2-79.3)
Luzerne County, Pennsylvania	223	61.5	3.8	(54.0-68.9)
Montgomery County, Pennsylvania	214	70.3	3.7	(63.0-77.5)
Northampton County, Pennsylvania	165	66.5	4.5	(57.6-75.3)
Philadelphia County, Pennsylvania	882	69.0	1.9	(65.2-72.7)
Westmoreland County, Pennsylvania	228	65.9	3.9	(58.2-73.5)
Bristol County, Rhode Island	189	79.8	3.3	(73.3-86.2)
Kent County, Rhode Island	603	73.9	2.1	(69.7-78.0)
Newport County, Rhode Island	326	74.6	2.9	(68.9-80.2)
Providence County, Rhode Island	2,606	72.1	1.1	(69.9-74.2)
Washington County, Rhode Island	498	82.5	2.0	(78.5-86.4)
Aiken County, South Carolina	329	66.0	3.2	(59.7-72.2)
Beaufort County, South Carolina	504	72.7	2.5	(67.8-77.6)
Berkeley County, South Carolina	237	NA	NA	NA
Charleston County, South Carolina	460	78.4	2.7	(73.1-83.6)
Greenville County, South Carolina	359	73.0	3.4	(66.3-79.6)
Horry County, South Carolina	390	66.1	2.8	(60.6-71.5)

See footnotes on page 96.

**TABLE 24. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who ever had a sigmoidoscopy or colonoscopy, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	409	75.0	3.3	(68.5-81.4)
Minnehaha County, South Dakota	392	74.9	2.4	(70.1-79.6)
Pennington County, South Dakota	444	71.8	2.4	(67.0-76.5)
Davidson County, Tennessee	268	60.3	4.2	(52.0-68.5)
Hamilton County, Tennessee	252	66.9	4.5	(58.0-75.7)
Knox County, Tennessee	253	60.1	3.8	(52.6-67.5)
Shelby County, Tennessee	252	61.0	4.1	(52.9-69.0)
Sullivan County, Tennessee	343	63.5	3.3	(57.0-69.9)
Bexar County, Texas	609	70.5	2.6	(65.4-75.5)
Dallas County, Texas	257	60.8	4.2	(52.5-69.0)
El Paso County, Texas	508	51.5	2.6	(46.4-56.5)
Fort Bend County, Texas	524	60.9	2.6	(55.8-65.9)
Harris County, Texas	823	60.2	2.2	(55.8-64.5)
Hidalgo County, Texas	332	54.0	3.5	(47.1-60.8)
Lubbock County, Texas	507	64.2	2.7	(58.9-69.4)
Midland County, Texas	367	56.5	3.1	(50.4-62.5)
Potter County, Texas	204	63.4	3.9	(55.7-71.0)
Randall County, Texas	327	68.6	3.2	(62.3-74.8)
Smith County, Texas	451	75.2	2.5	(70.3-80.1)
Tarrant County, Texas	383	69.5	3.2	(63.2-75.7)
Travis County, Texas	441	72.4	4.3	(63.9-80.8)
Val Verde County, Texas	351	39.5	3.8	(32.0-46.9)
Webb County, Texas	418	37.3	3.3	(30.8-43.7)
Wichita County, Texas	479	64.3	2.8	(58.8-69.7)
Davis County, Utah	442	73.1	2.4	(68.3-77.8)
Salt Lake County, Utah	1,806	71.4	1.2	(69.0-73.7)
Summit County, Utah	263	73.1	2.9	(67.4-78.7)
Tooele County, Utah	262	71.4	3.4	(64.7-78.0)
Utah County, Utah	527	68.5	2.4	(63.7-73.2)
Weber County, Utah	446	71.5	2.5	(66.6-76.4)
Chittenden County, Vermont	905	77.0	1.6	(73.8-80.1)
Franklin County, Vermont	279	71.4	2.9	(65.7-77.0)
Orange County, Vermont	242	68.5	3.4	(61.8-75.1)
Rutland County, Vermont	456	72.3	2.5	(67.4-77.2)
Washington County, Vermont	460	78.4	2.2	(74.0-82.7)
Windsor County, Vermont	471	72.1	2.4	(67.3-76.8)
Benton County, Washington	255	76.4	3.2	(70.1-82.6)
Clark County, Washington	738	73.7	2.0	(69.7-77.6)
Franklin County, Washington	150	NA	NA	NA
King County, Washington	1,989	71.7	1.2	(69.3-74.0)
Kitsap County, Washington	627	72.9	2.0	(68.9-76.8)
Pierce County, Washington	1,111	73.5	1.6	(70.3-76.6)
Snohomish County, Washington	1,043	73.2	1.7	(69.8-76.5)
Spokane County, Washington	817	70.8	1.9	(67.0-74.5)
Thurston County, Washington	501	72.2	2.4	(67.4-76.9)
Yakima County, Washington	492	60.6	2.9	(54.9-66.2)
Kanawha County, West Virginia	365	63.6	2.9	(57.9-69.2)
Milwaukee County, Wisconsin	729	63.7	3.1	(57.6-69.7)
Laramie County, Wyoming	610	64.8	2.3	(60.2-69.3)
Natrona County, Wyoming	517	61.6	2.4	(56.8-66.3)
Median		68.8		
Range		37.3-82.5		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was  $< 50$  or if the confidence interval half width is  $> 10$ .

**TABLE 25. Estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years, by state/territory—Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	4,875	16.7	0.7	(15.3–18.1)
Alaska	984	10.5	1.5	(7.6–13.4)
Arizona	4,017	16.7	0.9	(14.9–18.6)
Arkansas	2,816	17.3	0.9	(15.6–19.0)
California	9,949	27.0	0.5	(25.9–28.0)
Colorado	6,897	19.2	0.6	(18.0–20.3)
Connecticut	4,201	18.7	0.8	(17.2–20.3)
Delaware	2,743	16.0	0.8	(14.4–17.6)
District of Columbia	2,373	23.7	1.1	(21.4–25.9)
Florida	23,893	21.1	0.6	(20.0–22.2)
Georgia	3,461	21.7	0.9	(20.0–23.5)
Hawaii	4,324	24.7	0.9	(23.0–26.4)
Idaho	4,526	14.2	0.6	(13.0–15.4)
Illinois	3,325	12.4	0.7	(11.0–13.8)
Indiana	6,513	15.8	0.6	(14.7–17.0)
Iowa	3,991	17.4	0.7	(16.1–18.8)
Kansas	5,668	18.4	0.6	(17.3–19.5)
Kentucky	5,197	14.3	0.7	(12.9–15.7)
Louisiana	4,420	19.1	0.7	(17.7–20.5)
Maine	5,379	19.3	0.6	(18.1–20.4)
Maryland	5,414	21.4	0.7	(19.9–22.8)
Massachusetts	9,192	18.3	0.6	(17.1–19.4)
Michigan	6,034	19.0	0.6	(17.8–20.2)
Minnesota	5,269	12.3	0.6	(11.1–13.5)
Mississippi	5,446	16.5	0.6	(15.3–17.7)
Missouri	3,558	13.5	0.8	(11.9–15.1)
Montana	4,901	14.6	0.6	(13.3–15.8)
Nebraska	11,203	15.3	0.5	(14.3–16.3)
Nevada	2,412	17.2	1.1	(15.0–19.4)
New Hampshire	3,933	17.4	0.7	(16.0–18.8)
New Jersey	7,030	17.4	0.6	(16.2–18.7)
New Mexico	4,625	15.8	0.7	(14.5–17.2)
New York	5,496	16.0	0.6	(14.9–17.1)
North Carolina	7,512	21.3	0.7	(20.0–22.6)
North Dakota	3,031	18.1	0.8	(16.6–19.6)
Ohio	6,286	18.7	0.6	(17.5–19.9)
Oklahoma	5,105	15.4	0.6	(14.3–16.6)
Oregon	3,390	17.8	0.7	(16.4–19.3)
Pennsylvania	7,278	15.6	0.5	(14.6–16.6)
Rhode Island	4,181	16.1	0.7	(14.7–17.4)
South Carolina	6,296	15.3	0.7	(14.0–16.7)
South Dakota	4,386	16.8	0.7	(15.4–18.1)
Tennessee	3,781	20.1	0.9	(18.4–21.9)
Texas	11,163	14.9	0.6	(13.7–16.0)
Utah	5,455	8.6	0.5	(7.7–9.6)
Vermont	4,482	15.9	0.6	(14.8–17.1)
Virginia	3,245	18.8	1.0	(16.8–20.9)
Washington	13,184	21.8	0.4	(20.9–22.6)
West Virginia	2,906	19.8	0.8	(18.1–21.4)
Wisconsin	2,924	14.6	0.8	(13.0–16.1)
Wyoming	3,926	12.8	0.6	(11.6–14.0)
Guam	313	8.5	1.5	(5.6–11.4)
Puerto Rico	2,355	9.7	0.7	(8.4–11.1)
Virgin Islands	1,005	13.8	1.3	(11.2–16.4)
Median		16.8		
Range		8.5–27.0		

Abbreviations: SE = standard error; CI = confidence interval.

**TABLE 26. Estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample Size	%	SE	(95% CI)
Akron, Ohio	522	20.0	2.1	(15.8–24.1)
Albuquerque, New Mexico	1,418	18.8	1.3	(16.2–21.3)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	676	16.3	1.9	(12.5–20.0)
Amarillo, Texas	543	12.7	1.7	(9.3–16.0)
Arcadia, Florida	363	24.5	3.3	(18.0–30.9)
Asheville, North Carolina	398	22.1	2.3	(17.5–26.6)
Atlanta-Sandy Springs-Marietta, Georgia	1,344	23.3	1.5	(20.3–26.2)
Atlantic City, New Jersey	561	17.6	1.9	(13.8–21.3)
Augusta-Richmond County, Georgia-South Carolina	568	15.9	1.9	(12.1–19.6)
Augusta-Waterville, Maine	432	15.6	1.9	(11.8–19.3)
Austin-Round Rock, Texas	555	14.8	2.4	(10.0–19.5)
Baltimore-Towson, Maryland	1,956	19.9	1.1	(17.7–22.0)
Bangor, Maine	444	19.5	2.0	(15.5–23.4)
Barre, Vermont	449	8.5	1.5	(5.5–11.4)
Baton Rouge, Louisiana	718	18.9	1.8	(15.3–22.4)
Bethesda-Gaithersburg-Frederick, Maryland*	909	25.6	1.8	(22.0–29.1)
Billings, Montana	377	15.0	2.2	(10.6–19.3)
Birmingham-Hoover, Alabama	748	15.6	1.6	(12.4–18.7)
Bismarck, North Dakota	489	14.2	1.7	(10.8–17.5)
Boise City-Nampa, Idaho	1,024	13.9	1.2	(11.5–16.2)
Boston-Quincy, Massachusetts*	1,838	15.4	1.1	(13.2–17.5)
Bremerton-Silverdale, Washington	615	26.4	1.9	(22.6–30.1)
Bridgeport-Stamford-Norwalk, Connecticut	1,301	20.9	1.6	(17.7–24.0)
Buffalo-Cheektowaga-Tonawanda, New York	414	14.9	2.0	(10.9–18.8)
Burlington-South Burlington, Vermont	1,218	13.1	1.0	(11.1–15.0)
Cambridge-Newton-Framingham, Massachusetts*	1,582	18.2	1.4	(15.4–20.9)
Camden, New Jersey*	1,000	14.9	1.4	(12.1–17.6)
Canton-Massillon, Ohio	502	18.4	2.0	(14.4–22.3)
Cape Coral-Fort Myers, Florida	372	21.7	2.3	(17.1–26.2)
Casper, Wyoming	512	12.6	1.5	(9.6–15.5)
Cedar Rapids, Iowa	344	14.6	2.3	(10.0–19.1)
Charleston, West Virginia	536	17.4	1.9	(13.6–21.1)
Charleston-North Charleston, South Carolina	755	16.3	2.0	(12.3–20.2)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,013	19.9	1.5	(16.9–22.8)
Chattanooga, Tennessee-Georgia	341	20.3	2.8	(14.8–25.7)
Cheyenne, Wyoming	602	14.7	1.7	(11.3–18.0)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,088	12.6	0.8	(11.0–14.1)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,151	13.0	1.3	(10.4–15.5)
Cleveland-Elyria-Mentor, Ohio	718	18.9	1.6	(15.7–22.0)
Coeur d'Alene, Idaho	408	21.0	2.2	(16.6–25.3)
Colorado Springs, Colorado	654	13.4	1.6	(10.2–16.5)
Columbia, South Carolina	714	14.8	1.9	(11.0–18.5)
Columbus, Ohio	808	19.9	1.6	(16.7–23.0)
Concord, New Hampshire	424	20.4	2.1	(16.2–24.5)
Dallas-Plano-Irving, Texas*	431	14.4	1.9	(10.6–18.1)
Dayton, Ohio	566	23.1	2.3	(18.5–27.6)
Del Rio, Texas	350	13.0	2.2	(8.6–17.3)
Deltona-Daytona Beach-Ormond Beach, Florida	643	25.4	2.2	(21.0–29.7)
Denver-Aurora, Colorado	2,725	23.9	0.9	(22.1–25.6)
Des Moines-West Des Moines, Iowa	624	18.3	1.6	(15.1–21.4)
Detroit-Livonia-Dearborn, Michigan*	1,299	17.4	1.4	(14.6–20.1)
Dover, Delaware	755	17.5	1.6	(14.3–20.6)
Durham, North Carolina	602	22.2	2.1	(18.0–26.3)
Edison, New Jersey*	1,288	19.4	1.4	(16.6–22.1)
El Paso, Texas	506	15.7	2.0	(11.7–19.6)
Eugene-Springfield, Oregon	350	10.9	1.7	(7.5–14.2)
Evansville, Indiana-Kentucky	357	18.8	2.4	(14.0–23.5)
Fargo, North Dakota-Minnesota	515	27.3	3.8	(19.8–34.7)
Farmington, New Mexico	436	10.9	1.8	(7.3–14.4)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	448	25.3	3.0	(19.4–31.1)
Fort Collins-Loveland, Colorado	351	15.3	2.1	(11.1–19.4)
Fort Wayne, Indiana	460	14.1	1.7	(10.7–17.4)
Fort Worth-Arlington, Texas*	470	17.9	2.3	(13.3–22.4)

See footnotes on page 101.

**TABLE 26. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample Size	%	SE	(95% CI)
Gainesville, Florida	632	18.7	2.3	(14.1–23.2)
Grand Island, Nebraska	602	20.0	1.8	(16.4–23.5)
Grand Rapids-Wyoming, Michigan	406	17.4	2.2	(13.0–21.7)
Greensboro-High Point, North Carolina	770	26.7	2.1	(22.5–30.8)
Greenville, South Carolina	545	14.9	2.2	(10.5–19.2)
Hagerstown-Martinsburg, Maryland-West Virginia	413	16.2	2.1	(12.0–20.3)
Hartford-West Hartford-East Hartford, Connecticut	1,298	19.8	1.3	(17.2–22.3)
Hastings, Nebraska	408	23.2	2.3	(18.6–27.7)
Helena, Montana	461	23.5	2.1	(19.3–27.6)
Hickory-Morganton-Lenoir, North Carolina	387	20.0	2.2	(15.6–24.3)
Hilo, Hawaii	992	18.1	1.4	(15.3–20.8)
Hilton Head Island-Beaufort, South Carolina	581	11.9	1.4	(9.1–14.6)
Homosassa Springs, Florida	413	24.4	2.5	(19.5–29.3)
Honolulu, Hawaii	1,896	26.4	1.2	(24.0–28.7)
Houston-Sugar Land-Baytown, Texas	1,555	13.4	1.2	(11.0–15.7)
Huntington-Ashland, West Virginia-Kentucky-Ohio	437	16.6	2.3	(12.0–21.1)
Idaho Falls, Idaho	390	8.0	1.4	(5.2–10.7)
Indianapolis-Carmel, Indiana	1,378	14.3	1.2	(11.9–16.6)
Jackson, Mississippi	505	17.9	1.9	(14.1–21.6)
Jacksonville, Florida	1,639	15.8	1.4	(13.0–18.5)
Kahului-Wailuku, Hawaii	979	29.7	1.9	(25.9–33.4)
Kalispell, Montana	466	9.5	1.4	(6.7–12.2)
Kansas City, Missouri-Kansas	2,147	16.1	1.1	(13.9–18.2)
Kapaa, Hawaii	457	16.5	2.1	(12.3–20.6)
Kennewick-Richland-Pasco, Washington	396	19.8	2.3	(15.2–24.3)
Key West-Marathon, Florida	384	15.7	2.1	(11.5–19.8)
Kingsport-Bristol, Tennessee-Virginia	473	28.1	4.0	(20.2–35.9)
Knoxville, Tennessee	354	26.3	2.8	(20.8–31.7)
Lake City, Florida	351	24.7	3.2	(18.4–30.9)
Lakeland-Winter Haven, Florida	355	16.6	2.2	(12.2–20.9)
Laredo, Texas	419	7.1	1.3	(4.5–9.6)
Las Cruces, New Mexico	334	12.9	2.2	(8.5–17.2)
Las Vegas-Paradise, Nevada	737	17.8	1.6	(14.6–20.9)
Lebanon, New Hampshire-Vermont	1,031	22.0	1.4	(19.2–24.7)
Lewiston, Idaho-Washington	431	15.1	1.9	(11.3–18.8)
Lewiston-Auburn, Maine	311	25.5	2.7	(20.2–30.7)
Lincoln, Nebraska	752	14.1	1.4	(11.3–16.8)
Little Rock-North Little Rock, Arkansas	581	13.5	1.7	(10.1–16.8)
Los Angeles-Long Beach-Glendale, California*	1,302	22.9	1.4	(20.1–25.6)
Louisville, Kentucky-Indiana	574	16.3	1.9	(12.5–20.0)
Lubbock, Texas	514	11.8	1.6	(8.6–14.9)
Manchester-Nashua, New Hampshire	867	14.2	1.3	(11.6–16.7)
McAllen-Edinburg-Mission, Texas	329	10.8	1.9	(7.0–14.5)
Memphis, Tennessee-Mississippi-Arkansas	732	18.3	2.1	(14.1–22.4)
Miami-Fort Lauderdale-Miami Beach, Florida	646	17.4	1.8	(13.8–20.9)
Midland, Texas	368	19.4	2.5	(14.5–24.3)
Milwaukee-Waukesha-West Allis, Wisconsin	906	11.9	1.6	(8.7–15.0)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,659	11.3	0.8	(9.7–12.8)
Minot, North Dakota	339	12.9	2.0	(8.9–16.8)
Mobile, Alabama	436	19.7	2.5	(14.8–24.6)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	385	19.2	2.3	(14.6–23.7)
Naples-Marco Island, Florida	411	21.1	2.4	(16.3–25.8)
Nashville-Davidson-Murfreesboro, Tennessee	514	15.8	2.2	(11.4–20.1)
Nassau-Suffolk, New York*	654	15.9	1.6	(12.7–19.0)
Newark-Union, New Jersey-Pennsylvania*	1,828	17.6	1.2	(15.2–19.9)
New Haven-Milford, Connecticut	1,038	19.0	1.7	(15.6–22.3)
New Orleans-Metairie-Kenner, Louisiana	970	17.9	1.5	(14.9–20.8)
New York-White Plains-Wayne, New York-New Jersey*	3,387	15.5	0.8	(13.9–17.0)
Norfolk, Nebraska	466	17.3	2.7	(12.0–22.5)
North Platte, Nebraska	416	8.3	1.9	(4.5–12.0)
North Port-Bradenton-Sarasota, Florida	881	22.5	1.6	(19.3–25.6)
Ocala, Florida	437	24.4	2.3	(19.8–28.9)
Ocean City, New Jersey	361	18.9	2.4	(14.1–23.6)

See footnotes on page 101.

**TABLE 26. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample Size	%	SE	(95% CI)
Ogden-Clearfield, Utah	908	9.5	1.1	(7.3–11.6)
Oklahoma City, Oklahoma	1,529	13.7	1.0	(11.7–15.6)
Olympia, Washington	489	27.7	2.3	(23.1–32.2)
Omaha-Council Bluffs, Nebraska-Iowa	1,391	14.1	1.1	(11.9–16.2)
Orlando-Kissimmee, Florida	1,642	21.8	1.4	(19.0–24.5)
Palm Bay-Melbourne-Titusville, Florida	358	26.3	2.7	(21.0–31.5)
Panama City-Lynn Haven, Florida	347	15.3	2.3	(10.7–19.8)
Peabody, Massachusetts	1,175	18.8	1.7	(15.1–22.1)
Pensacola-Ferry Pass-Brent, Florida	650	14.7	1.7	(11.3–18.0)
Philadelphia, Pennsylvania*	1,468	13.9	1.2	(11.5–16.2)
Phoenix-Mesa-Scottsdale, Arizona	1,120	17.8	1.3	(15.2–20.3)
Pittsburgh, Pennsylvania	1,633	13.3	1.0	(11.3–15.2)
Portland-South Portland-Biddeford, Maine	1,721	16.5	1.0	(14.5–18.4)
Portland-Vancouver-Beaverton, Oregon-Washington	2,201	22.0	1.1	(19.8–24.1)
Port St. Lucie-Fort Pierce, Florida	743	20.7	1.7	(17.3–24.0)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	5,859	16.4	0.6	(15.2–17.5)
Provo-Orem, Utah	556	6.7	1.2	(4.3–9.0)
Raleigh-Cary, North Carolina	557	16.9	1.9	(13.1–20.6)
Rapid City, South Dakota	552	19.6	1.9	(15.8–23.3)
Reno-Sparks, Nevada	815	14.0	1.4	(11.2–16.7)
Richmond, Virginia	490	16.3	2.1	(12.1–20.4)
Riverside-San Bernardino-Ontario, California	1,004	31.6	1.7	(28.2–34.9)
Rochester, New York	395	19.9	2.2	(15.5–24.2)
Rockingham County-Strafford County, New Hampshire*	1,011	16.4	1.3	(13.8–18.9)
Rutland, Vermont	449	10.6	1.5	(7.6–13.5)
Sacramento-Arden-Arcade-Roseville, California	790	32.2	2.0	(28.2–36.1)
St. Louis, Missouri-Illinois	1,084	10.8	1.4	(8.0–13.5)
Salt Lake City, Utah	2,289	8.9	0.7	(7.5–10.2)
San Antonio, Texas	708	13.9	1.8	(10.3–17.4)
San Diego-Carlsbad-San Marcos, California	968	33.5	1.8	(29.9–37.0)
San Francisco-Oakland-Fremont, California	1,352	34.5	1.7	(31.1–37.8)
San Jose-Sunnyvale-Santa Clara, California	483	33.8	3.0	(27.9–39.6)
Santa Ana-Anaheim-Irvine, California*	816	24.4	1.8	(20.8–27.9)
Santa Fe, New Mexico	442	12.3	1.7	(8.9–15.6)
Scottsbluff, Nebraska	579	13.3	1.7	(9.9–16.6)
Scranton-Wilkes-Barre, Pennsylvania	389	15.2	2.0	(11.2–19.1)
Seaford, Delaware	917	23.8	1.6	(20.6–26.9)
Seattle-Bellevue-Everett, Washington*	2,965	20.9	0.9	(19.1–22.6)
Sebring, Florida	409	22.1	3.3	(15.6–28.5)
Shreveport-Bossier City, Louisiana	435	15.6	1.9	(11.8–19.3)
Sioux City, Iowa-Nebraska-South Dakota	745	11.2	2.1	(7.0–15.3)
Sioux Falls, South Dakota	531	11.1	1.5	(8.1–14.0)
Spokane, Washington	804	22.0	1.6	(18.8–25.1)
Springfield, Massachusetts	1,223	17.8	1.6	(14.6–20.9)
Tacoma, Washington*	1,092	20.2	1.6	(17.0–23.3)
Tallahassee, Florida	1,295	51.3	2.4	(46.5–56.0)
Tampa-St. Petersburg-Clearwater, Florida	1,438	25.8	1.6	(22.6–28.9)
Toledo, Ohio	553	12.9	1.7	(9.5–16.2)
Topeka, Kansas	556	17.7	1.8	(14.1–21.2)
Trenton-Ewing, New Jersey	289	18.0	2.8	(12.5–23.4)
Tucson, Arizona	512	18.0	1.9	(14.2–21.7)
Tulsa, Oklahoma	1,369	19.8	1.3	(17.2–22.3)
Tuscaloosa, Alabama	306	18.4	2.5	(13.5–23.3)
Twin Falls, Idaho	380	15.3	2.2	(10.9–19.6)
Tyler, Texas	441	20.3	3.0	(14.4–26.1)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	632	13.4	1.6	(10.2–16.5)
Warren-Troy-Farmington Hills, Michigan*	1,233	19.5	1.4	(16.7–22.2)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	3,685	22.9	1.7	(19.5–26.2)
Wauchula, Florida	345	18.1	2.3	(13.5–22.6)
West Palm Beach-Boca Raton-Boynton Beach, Florida*	405	26.1	2.6	(21.0–31.1)
Wichita, Kansas	1,215	20.1	1.3	(17.5–22.6)
Wichita Falls, Texas	579	13.1	1.7	(9.7–16.4)
Wilmington, Delaware-Maryland-New Jersey*	1,345	13.3	1.1	(11.1–15.4)

See footnotes on page 101.



**TABLE 26. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample Size	%	SE	(95% CI)
Worcester, Massachusetts	1,189	23.6	1.7	(20.2–26.9)
Yakima, Washington	489	17.2	1.8	(13.6–20.7)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	743	21.1	2.6	(16.0–26.1)
Median		17.6		
Range		6.7–51.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 27. Estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	369	16.4	2.2	(12.0–20.7)
Mobile County, Alabama	436	19.7	2.5	(14.8–24.6)
Tuscaloosa County, Alabama	247	18.3	2.7	(13.0–23.5)
Maricopa County, Arizona	848	17.9	1.4	(15.1–20.6)
Pima County, Arizona	512	18.0	1.9	(14.2–21.7)
Pinal County, Arizona	272	17.8	2.7	(12.5–23.0)
Benton County, Arkansas	225	32.3	4.3	(23.8–40.7)
Pulaski County, Arkansas	397	16.8	2.6	(11.7–21.8)
Washington County, Arkansas	198	18.7	3.9	(11.0–26.3)
Alameda County, California	400	34.2	3.1	(28.1–40.2)
Contra Costa County, California	405	38.4	3.0	(32.5–44.2)
Los Angeles County, California	1,302	22.9	1.4	(20.1–25.6)
Orange County, California	816	24.4	1.8	(20.8–27.9)
Placer County, California	158	31.0	4.8	(21.5–40.4)
Riverside County, California	504	32.3	2.4	(27.5–37.0)
Sacramento County, California	448	34.7	2.7	(29.4–39.9)
San Bernardino County, California	500	30.5	2.4	(25.7–35.2)
San Diego County, California	968	33.5	1.8	(29.9–37.0)
San Francisco County, California	208	29.5	3.6	(22.4–36.5)
San Mateo County, California	209	36.8	4.0	(28.9–44.6)
Santa Clara County, California	463	35.4	3.2	(29.1–41.6)
Adams County, Colorado	433	22.3	2.2	(17.9–26.6)
Arapahoe County, Colorado	492	20.7	2.0	(16.7–24.6)
Denver County, Colorado	516	23.6	2.2	(19.2–27.9)
Douglas County, Colorado	263	19.4	2.6	(14.3–24.4)
El Paso County, Colorado	569	13.5	1.6	(10.3–16.6)
Jefferson County, Colorado	706	28.5	1.9	(24.7–32.2)
Larimer County, Colorado	351	15.3	2.1	(11.1–19.4)
Fairfield County, Connecticut	1,301	20.9	1.6	(17.7–24.0)
Hartford County, Connecticut	962	19.9	1.6	(16.7–23.0)
Middlesex County, Connecticut	169	19.7	3.2	(13.4–25.9)
New Haven County, Connecticut	1,038	19.0	1.7	(15.6–22.3)
Tolland County, Connecticut	167	20.5	3.4	(13.8–27.1)
Kent County, Delaware	755	17.5	1.6	(14.3–20.6)
New Castle County, Delaware	1,071	12.0	1.1	(9.8–14.1)
Sussex County, Delaware	917	23.8	1.6	(20.6–26.9)
District of Columbia, District of Columbia	2,373	24.6	1.1	(22.4–26.7)
Alachua County, Florida	345	18.7	2.4	(13.9–23.4)
Baker County, Florida	317	20.4	3.5	(13.5–27.2)
Bay County, Florida	347	15.3	2.3	(10.7–19.8)
Brevard County, Florida	358	26.3	2.7	(21.0–31.5)
Broward County, Florida	343	18.2	2.4	(13.4–22.9)
Citrus County, Florida	413	24.4	2.5	(19.5–29.3)
Clay County, Florida	293	16.9	2.4	(12.1–21.6)
Collier County, Florida	411	21.1	2.4	(16.3–25.8)
Columbia County, Florida	351	24.7	3.2	(18.4–30.9)
DeSoto County, Florida	363	24.5	3.3	(18.0–30.9)
Duval County, Florida	339	14.7	2.1	(10.5–18.8)
Escambia County, Florida	344	15.7	2.3	(11.1–20.2)
Gadsden County, Florida	343	42.2	3.4	(35.5–48.8)
Gilchrist County, Florida	287	15.1	2.8	(9.6–20.5)
Hardee County, Florida	345	18.1	2.3	(13.5–22.6)
Hernando County, Florida	358	22.5	2.5	(17.6–27.4)
Highlands County, Florida	409	22.1	3.3	(15.6–28.5)
Hillsborough County, Florida	331	24.0	2.8	(18.5–29.4)
Jefferson County, Florida	340	38.6	4.0	(30.7–46.4)
Lake County, Florida	444	27.0	2.4	(22.2–31.7)
Lee County, Florida	372	21.7	2.3	(17.1–26.2)
Leon County, Florida	303	57.2	3.3	(50.7–63.6)
Manatee County, Florida	392	22.2	2.3	(17.6–26.7)
Marion County, Florida	437	24.4	2.3	(19.8–28.9)
Martin County, Florida	401	20.3	2.4	(15.5–25.0)
Miami-Dade County, Florida	303	16.9	2.6	(11.8–21.9)

See footnotes on page 106.

**TABLE 27. (Continued) Estimated prevalence of adults aged ≥50 years who had a blood stool test during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	384	15.7	2.1	(11.5–19.8)
Nassau County, Florida	346	13.6	2.0	(9.6–17.5)
Orange County, Florida	543	19.9	2.1	(15.7–24.0)
Osceola County, Florida	353	18.1	2.9	(12.4–23.7)
Palm Beach County, Florida	405	26.1	2.6	(21.0–31.1)
Pasco County, Florida	379	30.7	2.7	(25.4–35.9)
Pinellas County, Florida	370	25.0	2.6	(19.9–30.0)
Polk County, Florida	355	16.6	2.2	(12.2–20.9)
St. Johns County, Florida	344	19.8	2.5	(14.9–24.7)
St. Lucie County, Florida	342	20.7	2.5	(15.8–25.6)
Santa Rosa County, Florida	306	13.2	2.1	(9.0–17.3)
Sarasota County, Florida	489	22.7	2.2	(18.3–27.0)
Seminole County, Florida	302	21.1	2.7	(15.8–26.3)
Volusia County, Florida	643	25.4	2.2	(21.0–29.7)
Wakulla County, Florida	309	40.7	4.1	(32.6–48.7)
Cobb County, Georgia	155	11.6	2.6	(6.5–16.6)
DeKalb County, Georgia	196	33.5	4.3	(25.0–41.9)
Fulton County, Georgia	190	26.5	3.9	(18.8–34.1)
Gwinnett County, Georgia	131	17.6	3.6	(10.5–24.6)
Hawaii County, Hawaii	992	18.1	1.4	(15.3–20.8)
Honolulu County, Hawaii	1,896	26.4	1.2	(24.0–28.7)
Kauai County, Hawaii	457	16.5	2.1	(12.3–20.6)
Maui County, Hawaii	979	29.7	1.9	(25.9–33.4)
Ada County, Idaho	534	13.8	1.7	(10.4–17.1)
Bonneville County, Idaho	300	9.8	1.8	(6.2–13.3)
Canyon County, Idaho	370	14.9	2.0	(10.9–18.8)
Kootenai County, Idaho	408	21.0	2.2	(16.6–25.3)
Nez Perce County, Idaho	258	17.0	2.5	(12.1–21.9)
Twin Falls County, Idaho	301	16.8	2.6	(11.7–21.8)
Cook County, Illinois	1,793	13.4	1.0	(11.4–15.3)
DuPage County, Illinois	152	7.5	2.2	(3.1–11.8)
Allen County, Indiana	374	14.4	2.0	(10.4–18.3)
Lake County, Indiana	625	10.2	1.9	(6.4–13.9)
Marion County, Indiana	935	15.8	1.7	(12.4–19.1)
Linn County, Iowa	300	13.9	2.2	(9.5–18.2)
Polk County, Iowa	470	17.8	1.8	(14.2–21.3)
Johnson County, Kansas	856	19.3	1.4	(16.5–22.0)
Sedgwick County, Kansas	941	19.4	1.4	(16.6–22.1)
Shawnee County, Kansas	424	17.8	2.1	(13.6–21.9)
Wyandotte County, Kansas	407	15.3	2.5	(10.4–20.2)
Jefferson County, Kentucky	265	15.2	2.6	(10.1–20.2)
Caddo Parish, Louisiana	287	16.4	2.4	(11.6–21.1)
East Baton Rouge Parish, Louisiana	437	18.8	2.2	(14.4–23.1)
Jefferson Parish, Louisiana	393	19.9	2.3	(15.3–24.4)
Orleans Parish, Louisiana	242	20.7	3.6	(13.6–27.7)
St. Tammany Parish, Louisiana	224	10.7	2.2	(6.3–15.0)
Androscoggin County, Maine	311	25.5	2.7	(20.2–30.7)
Cumberland County, Maine	908	15.5	1.3	(12.9–18.0)
Kennebec County, Maine	432	15.6	1.9	(11.8–19.3)
Penobscot County, Maine	444	19.5	2.0	(15.5–23.4)
Sagadahoc County, Maine	199	16.5	2.8	(11.0–21.9)
York County, Maine	614	17.8	1.7	(14.4–21.1)
Anne Arundel County, Maryland	349	18.3	2.5	(13.4–23.2)
Baltimore County, Maryland	638	20.4	1.8	(16.8–23.9)
Cecil County, Maryland	160	19.3	3.6	(12.2–26.3)
Charles County, Maryland	171	12.8	3.0	(6.9–18.6)
Frederick County, Maryland	311	23.4	2.8	(17.9–28.8)
Harford County, Maryland	154	16.9	3.2	(10.6–23.1)
Howard County, Maryland	174	22.6	3.8	(15.1–30.0)
Montgomery County, Maryland	598	26.3	2.1	(22.1–30.4)
Prince George's County, Maryland	418	25.1	2.5	(20.2–30.0)
Queen Anne's County, Maryland	187	21.3	3.4	(14.6–27.9)
Washington County, Maryland	263	13.0	2.2	(8.6–17.3)

See footnotes on page 106.

**TABLE 27. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	314	23.1	2.8	(17.6–28.5)
Bristol County, Massachusetts	1,678	17.3	1.4	(14.5–20.0)
Essex County, Massachusetts	1,175	18.9	1.7	(15.5–22.2)
Hampden County, Massachusetts	944	17.4	2.0	(13.4–21.3)
Hampshire County, Massachusetts	172	17.2	3.3	(10.7–23.6)
Middlesex County, Massachusetts	1,582	17.7	1.3	(15.1–20.2)
Norfolk County, Massachusetts	493	15.2	1.7	(11.8–18.5)
Plymouth County, Massachusetts	413	14.1	1.9	(10.3–17.8)
Suffolk County, Massachusetts	932	18.3	1.9	(14.5–22.0)
Worcester County, Massachusetts	1,189	23.6	1.7	(20.2–26.9)
Kent County, Michigan	288	18.0	2.8	(12.5–23.4)
Macomb County, Michigan	342	15.4	2.2	(11.0–19.7)
Oakland County, Michigan	653	23.0	2.1	(18.8–27.1)
Wayne County, Michigan	1,299	17.4	1.4	(14.6–20.1)
Anoka County, Minnesota	200	9.6	2.5	(4.7–14.5)
Dakota County, Minnesota	291	8.7	1.8	(5.1–12.2)
Hennepin County, Minnesota	1,144	10.8	1.3	(8.2–13.3)
Ramsey County, Minnesota	553	15.5	2.6	(10.4–20.5)
Washington County, Minnesota	125	10.0	3.3	(3.5–16.4)
DeSoto County, Mississippi	249	17.8	2.9	(12.1–23.4)
Hinds County, Mississippi	218	19.3	3.1	(13.2–25.3)
Jackson County, Missouri	337	16.2	2.3	(11.6–20.7)
St. Louis County, Missouri	378	11.4	2.9	(5.7–17.0)
St. Louis city, Missouri	389	13.7	3.6	(6.6–20.7)
Flathead County, Montana	466	9.5	1.4	(6.7–12.2)
Lewis and Clark County, Montana	379	26.1	2.5	(21.2–31.0)
Yellowstone County, Montana	342	14.9	2.3	(10.3–19.4)
Adams County, Nebraska	329	24.7	2.6	(19.6–29.7)
Dakota County, Nebraska	448	10.2	1.5	(7.2–13.1)
Douglas County, Nebraska	584	13.4	1.5	(10.4–16.3)
Hall County, Nebraska	404	19.2	2.2	(14.8–23.5)
Lancaster County, Nebraska	549	14.6	1.5	(11.6–17.5)
Lincoln County, Nebraska	395	8.4	1.9	(4.6–12.1)
Madison County, Nebraska	326	18.3	3.3	(11.8–24.7)
Sarpy County, Nebraska	325	16.7	2.6	(11.6–21.7)
Scotts Bluff County, Nebraska	558	12.4	1.6	(9.2–15.5)
Seward County, Nebraska	203	8.3	1.9	(4.5–12.0)
Clark County, Nevada	737	17.8	1.6	(14.6–20.9)
Washoe County, Nevada	801	13.7	1.4	(10.9–16.4)
Grafton County, New Hampshire	333	25.6	2.7	(20.3–30.8)
Hillsborough County, New Hampshire	867	14.2	1.3	(11.6–16.7)
Merrimack County, New Hampshire	424	20.4	2.1	(16.2–24.5)
Rockingham County, New Hampshire	641	15.8	1.6	(12.6–18.9)
Strafford County, New Hampshire	370	17.7	2.2	(13.3–22.0)
Atlantic County, New Jersey	561	17.6	1.9	(13.8–21.3)
Bergen County, New Jersey	351	17.3	2.8	(11.8–22.7)
Burlington County, New Jersey	340	17.3	2.4	(12.5–22.0)
Camden County, New Jersey	357	13.7	2.1	(9.5–17.8)
Cape May County, New Jersey	361	18.9	2.4	(14.1–23.6)
Essex County, New Jersey	527	18.6	2.2	(14.2–22.9)
Gloucester County, New Jersey	303	10.6	2.0	(6.6–14.5)
Hudson County, New Jersey	513	11.1	1.7	(7.7–14.4)
Hunterdon County, New Jersey	299	21.1	3.0	(15.2–26.9)
Mercer County, New Jersey	289	18.0	2.8	(12.5–23.4)
Middlesex County, New Jersey	332	17.4	2.6	(12.3–22.4)
Monmouth County, New Jersey	332	17.7	2.4	(12.9–22.4)
Morris County, New Jersey	392	15.4	2.1	(11.2–19.5)
Ocean County, New Jersey	342	20.7	2.6	(15.6–25.7)
Passaic County, New Jersey	268	16.0	2.7	(10.7–21.2)
Somerset County, New Jersey	282	26.2	3.1	(20.1–32.2)
Sussex County, New Jersey	297	13.8	2.2	(9.4–18.1)
Union County, New Jersey	274	22.5	3.1	(16.4–28.5)
Warren County, New Jersey	294	10.7	2.0	(6.7–14.6)

See footnotes on page 106.

**TABLE 27. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	814	18.2	1.6	(15.0–21.3)
Dona Ana County, New Mexico	334	12.9	2.2	(8.5–17.2)
Sandoval County, New Mexico	335	15.9	2.5	(11.0–20.8)
San Juan County, New Mexico	436	10.9	1.8	(7.3–14.4)
Santa Fe County, New Mexico	442	12.3	1.7	(8.9–15.6)
Valencia County, New Mexico	234	27.3	3.8	(19.8–34.7)
Bronx County, New York	227	14.6	2.6	(9.5–19.6)
Erie County, New York	330	14.6	2.3	(10.0–19.1)
Kings County, New York	468	13.7	1.9	(9.9–17.4)
Monroe County, New York	264	19.0	2.7	(13.7–24.2)
Nassau County, New York	299	16.3	2.4	(11.5–21.0)
New York County, New York	656	13.1	1.5	(10.1–16.0)
Queens County, New York	446	15.5	2.0	(11.5–19.4)
Suffolk County, New York	355	15.4	2.2	(11.0–19.7)
Westchester County, New York	220	21.3	3.2	(15.0–27.5)
Buncombe County, North Carolina	182	23.2	3.5	(16.3–30.0)
Cabarrus County, North Carolina	183	19.5	3.4	(12.8–26.1)
Catawba County, North Carolina	203	24.9	3.3	(18.4–31.3)
Durham County, North Carolina	356	26.3	2.6	(21.2–31.3)
Gaston County, North Carolina	167	23.1	3.7	(15.8–30.3)
Guilford County, North Carolina	455	30.0	2.4	(25.2–34.7)
Johnston County, North Carolina	157	18.1	3.6	(11.0–25.1)
Mecklenburg County, North Carolina	344	23.3	2.6	(18.2–28.3)
Orange County, North Carolina	170	25.4	3.7	(18.1–32.6)
Randolph County, North Carolina	263	22.4	3.1	(16.3–28.4)
Union County, North Carolina	209	20.2	3.0	(14.3–26.0)
Wake County, North Carolina	374	16.5	2.2	(12.1–20.8)
Burleigh County, North Dakota	357	11.6	1.8	(8.0–15.1)
Cass County, North Dakota	483	23.0	2.1	(18.8–27.1)
Ward County, North Dakota	282	11.8	2.1	(7.6–15.9)
Cuyahoga County, Ohio	455	19.4	2.1	(15.2–23.5)
Franklin County, Ohio	391	17.1	2.1	(12.9–21.2)
Hamilton County, Ohio	454	11.0	1.6	(7.8–14.1)
Lucas County, Ohio	465	13.7	1.8	(10.1–17.2)
Mahoning County, Ohio	518	18.0	2.2	(13.6–22.3)
Montgomery County, Ohio	478	22.7	2.3	(18.1–27.2)
Stark County, Ohio	483	17.0	1.9	(13.2–20.7)
Summit County, Ohio	465	17.1	1.9	(13.3–20.8)
Cleveland County, Oklahoma	252	13.7	2.5	(8.8–18.6)
Oklahoma County, Oklahoma	895	14.4	1.3	(11.8–16.9)
Tulsa County, Oklahoma	936	19.5	1.4	(16.7–22.2)
Clackamas County, Oregon	307	20.7	2.7	(15.4–25.9)
Lane County, Oregon	350	10.9	1.7	(7.5–14.2)
Multnomah County, Oregon	500	20.2	2.0	(16.2–24.1)
Washington County, Oregon	348	20.2	2.5	(15.3–25.1)
Allegheny County, Pennsylvania	928	12.4	1.2	(10.0–14.7)
Lehigh County, Pennsylvania	171	23.7	3.9	(16.0–31.3)
Luzerne County, Pennsylvania	222	16.2	2.8	(10.7–21.6)
Montgomery County, Pennsylvania	212	17.8	2.9	(12.1–23.4)
Northampton County, Pennsylvania	165	13.3	3.2	(7.0–19.5)
Philadelphia County, Pennsylvania	877	13.3	1.5	(10.3–16.2)
Westmoreland County, Pennsylvania	221	16.9	3.1	(10.8–22.9)
Bristol County, Rhode Island	188	18.2	3.1	(12.1–24.2)
Kent County, Rhode Island	596	14.8	1.7	(11.4–18.1)
Newport County, Rhode Island	322	15.6	2.3	(11.0–20.1)
Providence County, Rhode Island	2,584	16.6	0.9	(14.8–18.3)
Washington County, Rhode Island	491	15.2	1.8	(11.6–18.7)
Aiken County, South Carolina	325	12.9	1.8	(9.3–16.4)
Beaufort County, South Carolina	498	12.4	1.5	(9.4–15.3)
Berkeley County, South Carolina	231	12.3	3.2	(6.0–18.5)
Charleston County, South Carolina	455	21.7	3.5	(14.8–28.5)
Greenville County, South Carolina	351	13.5	2.5	(8.6–18.4)
Horry County, South Carolina	385	19.2	2.3	(14.6–23.7)

See footnotes on page 106.

**TABLE 27. (Continued) Estimated prevalence of adults aged  $\geq 50$  years who had a blood stool test during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	407	11.7	2.2	(7.3–16.0)
Minnehaha County, South Dakota	386	11.1	1.7	(7.7–14.4)
Pennington County, South Dakota	436	19.5	2.1	(15.3–23.6)
Davidson County, Tennessee	262	12.6	2.5	(7.7–17.5)
Hamilton County, Tennessee	246	24.0	3.6	(16.9–31.0)
Knox County, Tennessee	252	26.1	3.3	(19.6–32.5)
Shelby County, Tennessee	243	17.8	3.2	(11.5–24.0)
Sullivan County, Tennessee	336	20.8	2.5	(15.9–25.7)
Bexar County, Texas	604	15.9	1.8	(12.3–19.4)
Dallas County, Texas	257	18.0	3.0	(12.1–23.8)
El Paso County, Texas	506	15.7	2.0	(11.7–19.6)
Fort Bend County, Texas	523	8.1	1.2	(5.7–10.4)
Harris County, Texas	811	14.6	1.4	(11.8–17.3)
Hidalgo County, Texas	329	10.8	1.9	(7.0–14.5)
Lubbock County, Texas	499	11.5	1.6	(8.3–14.6)
Midland County, Texas	368	19.4	2.5	(14.5–24.3)
Potter County, Texas	199	13.3	2.8	(7.8–18.7)
Randall County, Texas	322	12.0	2.3	(7.4–16.5)
Smith County, Texas	441	20.3	3.0	(14.4–26.1)
Tarrant County, Texas	378	18.0	2.6	(12.9–23.0)
Travis County, Texas	429	17.1	3.6	(10.0–24.1)
Val Verde County, Texas	350	13.0	2.2	(8.6–17.3)
Webb County, Texas	419	7.1	1.3	(4.5–9.6)
Wichita County, Texas	471	14.8	2.1	(10.6–18.9)
Davis County, Utah	438	8.9	1.6	(5.7–12.0)
Salt Lake County, Utah	1,771	9.0	0.7	(7.6–10.3)
Summit County, Utah	258	8.3	1.8	(4.7–11.8)
Tooele County, Utah	260	8.4	1.8	(4.8–11.9)
Utah County, Utah	524	6.8	1.2	(4.4–9.1)
Weber County, Utah	445	10.0	1.6	(6.8–13.1)
Chittenden County, Vermont	886	9.7	1.0	(7.7–11.6)
Franklin County, Vermont	276	22.6	2.7	(17.3–27.8)
Orange County, Vermont	237	23.3	3.0	(17.4–29.1)
Rutland County, Vermont	449	10.6	1.5	(7.6–13.5)
Washington County, Vermont	449	8.5	1.5	(5.5–11.4)
Windsor County, Vermont	461	17.9	2.0	(13.9–21.8)
Benton County, Washington	250	20.5	2.8	(15.0–25.9)
Clark County, Washington	728	30.7	2.0	(26.7–34.6)
Franklin County, Washington	146	18.1	4.0	(10.2–25.9)
King County, Washington	1,949	21.8	1.0	(19.8–23.7)
Kitsap County, Washington	615	26.4	1.9	(22.6–30.1)
Pierce County, Washington	1,092	19.4	1.4	(16.6–22.1)
Snohomish County, Washington	1,016	18.4	1.5	(15.4–21.3)
Spokane County, Washington	804	22.0	1.6	(18.8–25.1)
Thurston County, Washington	489	27.7	2.3	(23.1–32.2)
Yakima County, Washington	489	17.2	1.8	(13.6–20.7)
Kanawha County, West Virginia	361	19.3	2.4	(14.5–24.0)
Milwaukee County, Wisconsin	723	10.8	2.0	(6.8–14.7)
Laramie County, Wyoming	602	14.7	1.7	(11.3–18.0)
Natrona County, Wyoming	512	12.6	1.5	(9.6–15.5)
Median		17.8		
Range		6.8–57.2		

Abbreviations: SE = standard error; CI = confidence interval.



**TABLE 28. Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	2,820	83.2	0.9	(81.4–85.1)
Alaska	827	81.1	2.4	(76.4–85.7)
Arizona	2,235	81.9	1.4	(79.1–84.6)
Arkansas	1,374	74.8	2.0	(70.9–78.7)
California	7,436	80.8	0.7	(79.4–82.2)
Colorado	4,455	79.8	1.1	(77.7–82.0)
Connecticut	3,106	85.6	1.1	(83.5–87.7)
Delaware	1,895	82.7	1.4	(79.9–85.5)
District of Columbia	1,796	88.7	1.0	(86.8–90.6)
Florida	12,994	80.4	0.8	(78.8–81.9)
Georgia	2,238	86.6	0.9	(84.7–88.4)
Hawaii	2,997	79.7	1.1	(77.5–81.9)
Idaho	2,492	76.2	1.2	(73.9–78.6)
Illinois	2,392	83.2	1.0	(81.3–85.2)
Indiana	4,015	80.2	0.9	(78.5–81.9)
Iowa	2,587	80.6	1.2	(78.2–83.1)
Kansas	3,266	82.7	1.0	(80.8–84.7)
Kentucky	3,225	80.9	1.1	(78.8–83.1)
Louisiana	2,706	83.1	1.0	(81.0–85.1)
Maine	3,522	85.0	0.8	(83.4–86.6)
Maryland	3,992	87.0	0.8	(85.4–88.6)
Massachusetts	7,377	88.9	0.6	(87.8–90.0)
Michigan	3,562	82.4	1.0	(80.3–84.4)
Minnesota	3,968	87.5	1.0	(85.5–89.5)
Mississippi	2,893	80.2	1.0	(78.2–82.3)
Missouri	2,118	80.1	1.5	(77.2–83.1)
Montana	2,854	78.3	1.3	(75.7–80.8)
Nebraska	6,470	80.2	1.2	(77.8–82.5)
Nevada	1,410	78.4	1.8	(74.8–82.0)
New Hampshire	2,716	83.6	1.1	(81.5–85.8)
New Jersey	5,748	84.1	0.7	(82.8–85.4)
New Mexico	2,816	80.4	1.2	(78.0–82.8)
New York	4,198	83.6	0.7	(82.1–85.0)
North Carolina	4,814	84.0	0.9	(82.2–85.9)
North Dakota	1,953	80.3	1.4	(77.6–83.1)
Ohio	4,058	81.7	0.9	(80.0–83.4)
Oklahoma	2,866	77.5	1.0	(75.6–79.5)
Oregon	1,894	74.9	1.6	(71.7–78.1)
Pennsylvania	4,776	81.3	0.7	(79.9–82.8)
Rhode Island	3,054	83.1	1.2	(80.7–85.6)
South Carolina	3,379	83.9	1.2	(81.6–86.3)
South Dakota	2,772	80.9	1.4	(78.1–83.6)
Tennessee	2,367	83.4	1.0	(81.5–85.4)
Texas	7,119	79.4	0.9	(77.7–81.2)
Utah	3,953	73.2	1.3	(70.6–75.8)
Vermont	3,088	81.9	1.0	(79.8–83.9)
Virginia	2,146	85.2	1.7	(81.9–88.6)
Washington	7,766	80.7	0.7	(79.3–82.1)
West Virginia	1,780	79.0	1.3	(76.4–81.6)
Wisconsin	1,932	84.8	1.2	(82.5–87.1)
Wyoming	2,086	78.4	1.3	(75.8–80.9)
Guam	374	67.8	3.2	(61.5–74.1)
Puerto Rico	1,589	75.4	1.6	(72.3–78.5)
Virgin Islands	895	75.9	1.9	(72.1–79.6)
Median		81.0		
Range		67.8–88.9		

Abbreviations: SE = standard error; CI = confidence interval.

**TABLE 29. Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	316	79.5	3.7	(72.2–86.7)
Albuquerque, New Mexico	931	83.6	2.0	(79.6–87.5)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	463	83.1	2.2	(78.7–87.4)
Amarillo, Texas	290	78.4	3.3	(71.9–84.8)
Arcadia, Florida	179	75.9	4.7	(66.6–85.1)
Asheville, North Carolina	188	82.1	3.9	(74.4–89.7)
Atlanta-Sandy Springs-Marietta, Georgia	992	87.3	1.5	(84.3–90.2)
Atlantic City, New Jersey	388	80.4	2.5	(75.5–85.3)
Augusta-Richmond County, Georgia-South Carolina	306	80.4	3.5	(73.5–87.2)
Augusta-Waterville, Maine	299	86.5	2.7	(81.2–91.7)
Austin-Round Rock, Texas	428	86.5	3.2	(80.2–92.7)
Baltimore-Towson, Maryland	1,493	87.2	1.2	(84.8–89.5)
Bangor, Maine	312	82.9	2.6	(77.8–87.9)
Barre, Vermont	300	84.7	3.2	(78.4–90.9)
Baton Rouge, Louisiana	480	86.1	2.1	(81.9–90.2)
Bethesda-Gaithersburg-Frederick, Maryland*	768	85.1	1.9	(81.3–88.8)
Billings, Montana	215	81.4	3.1	(75.3–87.4)
Birmingham-Hoover, Alabama	443	84.5	2.2	(80.1–88.8)
Bismarck, North Dakota	304	82.2	3.0	(76.3–88.0)
Boise City-Nampa, Idaho	585	77.1	2.4	(72.3–81.8)
Boston-Quincy, Massachusetts*	1,584	89.4	1.4	(86.6–92.1)
Bremerton-Silverdale, Washington	361	78.7	3.1	(72.6–84.7)
Bridgeport-Stamford-Norwalk, Connecticut	1,027	86.4	2.2	(82.0–90.7)
Buffalo-Cheektowaga-Tonawanda, New York	275	84.4	3.5	(77.5–91.2)
Burlington-South Burlington, Vermont	925	82.5	1.9	(78.7–86.2)
Cambridge-Newton-Framingham, Massachusetts*	1,359	90.9	1.1	(88.7–93.0)
Camden, New Jersey*	800	84.7	1.7	(81.3–88.0)
Canton-Massillon, Ohio	289	82.8	3.0	(76.9–88.6)
Cape Coral-Fort Myers, Florida	193	84.0	3.1	(77.9–90.0)
Casper, Wyoming	290	73.5	3.7	(66.2–80.7)
Cedar Rapids, Iowa	232	81.8	4.0	(73.9–89.6)
Charleston, West Virginia	315	84.7	2.4	(79.9–89.4)
Charleston-North Charleston, South Carolina	443	87.6	2.9	(81.9–93.2)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	709	84.6	1.8	(81.0–88.1)
Chattanooga, Tennessee-Georgia	238	82.0	4.2	(73.7–90.2)
Cheyenne, Wyoming	316	86.7	2.2	(82.3–91.0)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	2,298	80.8	1.4	(78.0–83.5)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	768	81.7	2.2	(77.3–86.0)
Cleveland-Elyria-Mentor, Ohio	486	81.2	2.5	(76.3–86.1)
Coeur d'Alene, Idaho	184	82.1	3.6	(75.0–89.1)
Colorado Springs, Colorado	451	77.5	2.9	(71.8–83.1)
Columbia, South Carolina	427	84.3	3.5	(77.4–91.1)
Columbus, Ohio	600	83.0	2.4	(78.2–87.7)
Concord, New Hampshire	303	90.7	1.9	(86.9–94.4)
Dallas-Plano-Irving, Texas*	297	81.7	3.1	(75.6–87.7)
Dayton, Ohio	328	82.5	2.9	(76.8–88.1)
Del Rio, Texas	267	NA†	NA	NA
Deltona-Daytona Beach-Ormond Beach, Florida	312	78.3	3.1	(72.2–84.3)
Denver-Aurora, Colorado	1,873	81.3	1.6	(78.1–84.4)
Des Moines-West Des Moines, Iowa	406	85.4	2.3	(80.8–89.9)
Detroit-Livonia-Dearborn, Michigan*	797	83.6	2.1	(79.4–87.7)
Dover, Delaware	556	86.9	2.1	(82.7–91.0)
Durham, North Carolina	484	88.9	2.6	(83.8–93.9)
Edison, New Jersey*	1,064	86.9	1.3	(84.3–89.4)
El Paso, Texas	391	77.6	2.7	(72.3–82.8)
Eugene-Springfield, Oregon	189	NA	NA	NA
Evansville, Indiana-Kentucky	206	83.7	3.8	(76.2–91.1)
Fargo, North Dakota-Minnesota	335	86.4	3.2	(80.1–92.6)
Farmington, New Mexico	264	78.9	3.8	(71.4–86.3)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	258	79.8	4.0	(71.9–87.6)
Fort Collins-Loveland, Colorado	207	NA	NA	NA
Fort Wayne, Indiana	299	80.6	2.7	(75.3–85.8)
Fort Worth-Arlington, Texas*	267	83.1	3.4	(76.4–89.7)

See footnotes on page 111.

**TABLE 29. (Continued) Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	372	83.5	3.6	(76.4–90.5)
Grand Island, Nebraska	331	75.2	3.5	(68.3–82.0)
Grand Rapids-Wyoming, Michigan	248	83.6	3.4	(76.9–90.2)
Greensboro-High Point, North Carolina	439	77.1	3.2	(70.8–83.3)
Greenville, South Carolina	243	81.3	4.5	(72.4–90.1)
Hagerstown-Martinsburg, Maryland-West Virginia	270	85.9	2.7	(80.6–91.1)
Hartford-West Hartford-East Hartford, Connecticut	907	84.9	1.9	(81.1–88.6)
Hastings, Nebraska	254	75.5	4.6	(66.4–84.5)
Helena, Montana	253	84.7	2.3	(80.1–89.2)
Hickory-Morganton-Lenoir, North Carolina	199	90.8	2.4	(86.0–95.5)
Hilo, Hawaii	667	81.1	2.0	(77.1–85.0)
Hilton Head Island-Beaufort, South Carolina	298	87.1	2.6	(82.0–92.1)
Homosassa Springs, Florida	204	76.7	3.5	(69.8–83.5)
Honolulu, Hawaii	1,325	80.2	1.5	(77.2–83.1)
Houston-Sugar Land-Baytown, Texas	1,102	77.1	2.3	(72.5–81.6)
Huntington-Ashland, West Virginia-Kentucky-Ohio	253	71.5	4.2	(63.2–79.7)
Idaho Falls, Idaho	231	76.8	3.8	(69.3–84.2)
Indianapolis-Carmel, Indiana	910	83.1	2.0	(79.1–87.0)
Jackson, Mississippi	274	87.0	2.5	(82.1–91.9)
Jacksonville, Florida	964	83.3	2.6	(78.2–88.3)
Kahului-Wailuku, Hawaii	709	78.9	2.3	(74.3–83.4)
Kalispell, Montana	236	81.8	2.8	(76.3–87.2)
Kansas City, Missouri-Kansas	1,360	80.8	2.0	(76.8–84.7)
Kapaa, Hawaii	296	78.2	3.8	(70.7–85.6)
Kennewick-Richland-Pasco, Washington	248	84.0	3.3	(77.5–90.4)
Key West-Marathon, Florida	199	83.4	3.6	(76.3–90.4)
Kingsport-Bristol, Tennessee-Virginia	239	79.8	4.2	(71.5–88.0)
Knoxville, Tennessee	222	81.2	3.8	(73.7–88.6)
Lake City, Florida	218	81.0	3.5	(74.1–87.8)
Lakeland-Winter Haven, Florida	187	77.5	4.2	(69.2–85.7)
Laredo, Texas	468	71.7	2.8	(66.2–77.1)
Las Cruces, New Mexico	194	80.4	4.6	(71.3–89.4)
Las Vegas-Paradise, Nevada	472	79.0	2.4	(74.2–83.7)
Lebanon, New Hampshire-Vermont	672	83.0	2.1	(78.8–87.1)
Lewiston, Idaho-Washington	167	86.4	2.9	(80.7–92.0)
Lewiston-Auburn, Maine	198	86.8	3.6	(79.7–93.8)
Lincoln, Nebraska	423	80.1	3.7	(72.8–87.3)
Little Rock-North Little Rock, Arkansas	273	77.5	4.4	(68.8–86.1)
Los Angeles-Long Beach-Glendale, California*	1,133	82.4	1.6	(79.2–85.5)
Louisville, Kentucky-Indiana	378	83.2	2.5	(78.3–88.1)
Lubbock, Texas	265	71.0	4.9	(61.3–80.6)
Manchester-Nashua, New Hampshire	650	80.5	2.4	(75.7–85.2)
McAllen-Edinburg-Mission, Texas	286	70.9	3.4	(64.2–77.5)
Memphis, Tennessee-Mississippi-Arkansas	466	81.5	3.0	(75.6–87.3)
Miami-Fort Lauderdale-Miami Beach, Florida	434	78.5	3.1	(72.4–84.5)
Midland, Texas	195	77.6	4.4	(68.9–86.2)
Milwaukee-Waukesha-West Allis, Wisconsin	656	84.8	2.7	(79.5–90.0)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,240	87.7	1.6	(84.5–90.8)
Minot, North Dakota	234	85.9	2.9	(80.2–91.5)
Mobile, Alabama	238	83.7	3.1	(77.6–89.7)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	194	83.2	4.0	(75.3–91.0)
Naples-Marco Island, Florida	184	NA	NA	NA
Nashville-Davidson-Murfreesboro, Tennessee	368	86.6	2.3	(82.0–91.1)
Nassau-Suffolk, New York*	514	82.6	2.1	(78.4–86.7)
Newark-Union, New Jersey-Pennsylvania*	1,573	82.8	1.6	(79.6–85.9)
New Haven-Milford, Connecticut	768	85.9	2.3	(81.3–90.4)
New Orleans-Metairie-Kenner, Louisiana	592	83.9	2.2	(79.5–88.2)
New York-White Plains-Wayne, New York-New Jersey*	3,008	81.3	1.1	(79.1–83.4)
Norfolk, Nebraska	256	80.2	3.3	(73.7–86.6)
North Platte, Nebraska	210	72.3	4.5	(63.4–81.1)
North Port-Bradenton-Sarasota, Florida	408	82.1	2.4	(77.3–86.8)
Ocala, Florida	213	71.1	4.2	(62.8–79.3)
Ocean City, New Jersey	222	82.5	3.1	(76.4–88.5)

See footnotes on page 111.

**TABLE 29. (Continued) Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	634	76.4	2.5	(71.5–81.3)
Oklahoma City, Oklahoma	953	80.4	1.8	(76.8–83.9)
Olympia, Washington	364	82.2	2.6	(77.1–87.2)
Omaha-Council Bluffs, Nebraska-Iowa	982	85.0	1.7	(81.6–88.3)
Orlando-Kissimmee, Florida	1,101	80.4	1.8	(76.8–83.9)
Palm Bay-Melbourne-Titusville, Florida	199	81.6	4.0	(73.7–89.4)
Panama City-Lynn Haven, Florida	204	76.3	4.1	(68.2–84.3)
Peabody, Massachusetts	976	91.2	1.8	(87.6–94.7)
Pensacola-Ferry Pass-Brent, Florida	360	81.5	3.1	(75.4–87.5)
Philadelphia, Pennsylvania*	1,149	82.3	1.7	(78.9–85.6)
Phoenix-Mesa-Scottsdale, Arizona	655	83.3	2.2	(78.9–87.6)
Pittsburgh, Pennsylvania	1,018	82.0	1.6	(78.8–85.1)
Portland-South Portland-Biddeford, Maine	1,177	86.8	1.3	(84.2–89.3)
Portland-Vancouver-Beaverton, Oregon-Washington	1,371	76.7	2.1	(72.5–80.8)
Port St. Lucie-Fort Pierce, Florida	388	73.2	3.1	(67.1–79.2)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,321	85.6	1.0	(83.6–87.5)
Provo-Orem, Utah	455	63.3	4.0	(55.4–71.1)
Raleigh-Cary, North Carolina	449	91.0	1.7	(87.6–94.3)
Rapid City, South Dakota	323	84.7	2.3	(80.1–89.2)
Reno-Sparks, Nevada	484	84.8	2.1	(80.6–88.9)
Richmond, Virginia	319	87.2	2.7	(81.9–92.4)
Riverside-San Bernardino-Ontario, California	761	82.8	1.9	(79.0–86.5)
Rochester, New York	269	84.1	2.8	(78.6–89.5)
Rockingham County-Strafford County, New Hampshire*	744	84.6	2.2	(80.2–88.9)
Rutland, Vermont	311	76.4	3.6	(69.3–83.4)
Sacramento-Arden-Arcade-Roseville, California	541	82.5	2.5	(77.6–87.4)
St. Louis, Missouri-Illinois	754	84.2	2.6	(79.1–89.2)
Salt Lake City, Utah	1,729	78.8	1.5	(75.8–81.7)
San Antonio, Texas	446	72.6	3.6	(65.5–79.6)
San Diego-Carlsbad-San Marcos, California	687	85.9	2.1	(81.7–90.0)
San Francisco-Oakland-Fremont, California	1,032	80.3	1.8	(76.7–83.8)
San Jose-Sunnyvale-Santa Clara, California	373	83.5	2.6	(78.4–88.5)
Santa Ana-Anaheim-Irvine, California*	632	78.1	2.7	(72.8–83.3)
Santa Fe, New Mexico	274	83.2	3.2	(76.9–89.4)
Scottsbluff, Nebraska	294	73.0	3.7	(65.7–80.2)
Scranton-Wilkes-Barre, Pennsylvania	222	72.0	4.6	(62.9–81.0)
Seaford, Delaware	510	86.4	2.4	(81.6–91.1)
Seattle-Bellevue-Everett, Washington*	1,989	82.6	1.3	(80.0–85.1)
Sebring, Florida	165	78.4	4.5	(69.5–87.2)
Shreveport-Bossier City, Louisiana	258	82.1	2.9	(76.4–87.7)
Sioux City, Iowa-Nebraska-South Dakota	496	NA	NA	NA
Sioux Falls, South Dakota	333	87.6	2.2	(83.2–91.9)
Spokane, Washington	449	77.0	3.1	(70.9–83.0)
Springfield, Massachusetts	917	78.7	4.3	(70.2–87.1)
Tacoma, Washington*	656	86.6	1.6	(83.4–89.7)
Tallahassee, Florida	789	87.0	2.7	(81.7–92.2)
Tampa-St. Petersburg-Clearwater, Florida	764	79.3	2.3	(74.7–83.8)
Toledo, Ohio	356	87.1	2.0	(83.1–91.0)
Topeka, Kansas	315	90.9	1.6	(87.7–94.0)
Trenton-Ewing, New Jersey	259	89.0	2.6	(83.9–94.0)
Tucson, Arizona	288	84.9	3.0	(79.0–90.7)
Tulsa, Oklahoma	816	77.2	2.0	(73.2–81.1)
Tuscaloosa, Alabama	220	85.3	3.4	(78.6–91.9)
Twin Falls, Idaho	196	79.5	3.3	(73.0–85.9)
Tyler, Texas	229	73.6	4.5	(64.7–82.4)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	448	86.7	2.5	(81.8–91.6)
Warren-Troy-Farmington Hills, Michigan*	742	81.8	2.4	(77.0–86.5)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	2,846	86.4	2.5	(81.5–91.3)
Wauchula, Florida	217	NA	NA	NA
West Palm Beach-Boca Raton-Boynton Beach, Florida*	223	74.3	4.2	(66.0–82.5)
Wichita, Kansas	705	80.5	2.5	(75.6–85.4)
Wichita Falls, Texas	245	74.8	4.5	(65.9–83.6)
Wilmington, Delaware-Maryland-New Jersey*	1,011	81.7	1.7	(78.3–85.0)

See footnotes on page 111.

**TABLE 29. (Continued) Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	956	83.6	2.9	(77.9–89.2)
Yakima, Washington	291	80.2	2.9	(74.5–85.8)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	451	81.3	3.1	(75.2–87.3)
Median		82.4		
Range		63.3–91.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

† Estimate not available (NA) if the unweighted sample size for the denominator was  $<50$  or if the confidence interval half width is  $>10$ .

**TABLE 30. Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	223	86.1	2.7	(80.8–91.3)
Mobile County, Alabama	238	83.7	3.1	(77.6–89.7)
Tuscaloosa County, Alabama	186	84.5	3.8	(77.0–91.9)
Maricopa County, Arizona	506	82.8	2.4	(78.0–87.5)
Pima County, Arizona	288	84.9	3.0	(79.0–90.7)
Pinal County, Arizona	149	89.2	3.2	(82.9–95.4)
Benton County, Arkansas	144	84.3	4.1	(76.2–92.3)
Pulaski County, Arkansas	191	NA*	NA	NA
Washington County, Arkansas	102	NA	NA	NA
Alameda County, California	324	80.2	3.0	(74.3–86.0)
Contra Costa County, California	281	80.2	3.2	(73.9–86.4)
Los Angeles County, California	1,133	82.4	1.6	(79.2–85.5)
Orange County, California	632	78.1	2.7	(72.8–83.3)
Placer County, California	104	85.7	4.3	(77.2–94.1)
Riverside County, California	375	88.1	1.9	(84.3–91.8)
Sacramento County, California	311	78.1	3.5	(71.2–84.9)
San Bernardino County, California	386	80.1	2.8	(74.6–85.5)
San Diego County, California	687	85.9	2.1	(81.7–90.0)
San Francisco County, California	166	82.8	3.6	(75.7–89.8)
San Mateo County, California	166	83.3	3.5	(76.4–90.1)
Santa Clara County, California	353	83.8	2.6	(78.7–88.8)
Adams County, Colorado	303	79.2	3.2	(72.9–85.4)
Arapahoe County, Colorado	331	84.0	2.6	(78.9–89.0)
Denver County, Colorado	385	85.2	2.2	(80.8–89.5)
Douglas County, Colorado	233	91.5	2.3	(86.9–96.0)
El Paso County, Colorado	398	77.4	3.0	(71.5–83.2)
Jefferson County, Colorado	436	77.9	3.1	(71.8–83.9)
Larimer County, Colorado	207	NA	NA	NA
Fairfield County, Connecticut	1,027	86.4	2.2	(82.0–90.7)
Hartford County, Connecticut	667	86.9	1.7	(83.5–90.2)
Middlesex County, Connecticut	136	90.0	3.1	(83.9–96.0)
New Haven County, Connecticut	768	85.9	2.3	(81.3–90.4)
Tolland County, Connecticut	104	82.5	4.3	(74.0–90.9)
Kent County, Delaware	556	86.9	2.1	(82.7–91.0)
New Castle County, Delaware	829	80.6	2.1	(76.4–84.7)
Sussex County, Delaware	510	86.4	2.4	(81.6–91.1)
District of Columbia, District of Columbia	1,796	88.3	1.2	(85.9–90.6)
Alachua County, Florida	239	83.1	3.8	(75.6–90.5)
Baker County, Florida	176	81.8	3.8	(74.3–89.2)
Bay County, Florida	204	76.3	4.1	(68.2–84.3)
Brevard County, Florida	199	81.6	4.0	(73.7–89.4)
Broward County, Florida	217	84.7	3.0	(78.8–90.5)
Citrus County, Florida	204	76.7	3.5	(69.8–83.5)
Clay County, Florida	175	88.2	3.1	(82.1–94.2)
Collier County, Florida	184	NA	NA	NA
Columbia County, Florida	218	81.0	3.5	(74.1–87.8)
DeSoto County, Florida	179	75.9	4.7	(66.6–85.1)
Duval County, Florida	218	81.8	3.8	(74.3–89.2)
Escambia County, Florida	187	82.5	4.1	(74.4–90.5)
Gadsden County, Florida	198	84.7	2.9	(79.0–90.3)
Gilchrist County, Florida	133	84.0	4.0	(76.1–91.8)
Hardee County, Florida	217	NA	NA	NA
Hernando County, Florida	187	75.1	4.2	(66.8–83.3)
Highlands County, Florida	165	78.4	4.5	(69.5–87.2)
Hillsborough County, Florida	194	83.6	3.4	(76.9–90.2)
Jefferson County, Florida	191	81.5	3.5	(74.6–88.3)
Lake County, Florida	228	81.5	3.2	(75.2–87.7)
Lee County, Florida	193	84.0	3.1	(77.9–90.0)
Leon County, Florida	199	86.8	4.0	(78.9–94.6)
Manatee County, Florida	193	82.5	3.6	(75.4–89.5)
Marion County, Florida	213	71.1	4.2	(62.8–79.3)
Martin County, Florida	206	77.2	4.2	(68.9–85.4)
Miami-Dade County, Florida	217	74.5	4.8	(65.0–83.9)

See footnotes on page 116.



**TABLE 30. (Continued) Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	199	83.4	3.6	(76.3–90.4)
Nassau County, Florida	180	84.3	3.3	(77.8–90.7)
Orange County, Florida	450	80.6	2.7	(75.3–85.8)
Osceola County, Florida	218	80.9	3.3	(74.4–87.3)
Palm Beach County, Florida	223	74.3	4.2	(66.0–82.5)
Pasco County, Florida	203	79.3	4.0	(71.4–87.1)
Pinellas County, Florida	180	76.3	4.2	(68.0–84.5)
Polk County, Florida	187	77.5	4.2	(69.2–85.7)
St. Johns County, Florida	215	87.4	2.9	(81.7–93.0)
St. Lucie County, Florida	182	71.2	4.3	(62.7–79.6)
Santa Rosa County, Florida	173	79.7	4.1	(71.6–87.7)
Sarasota County, Florida	215	82.4	3.2	(76.1–88.6)
Seminole County, Florida	205	80.8	3.8	(73.3–88.2)
Volusia County, Florida	312	78.3	3.1	(72.2–84.3)
Wakulla County, Florida	201	89.1	2.6	(84.0–94.1)
Cobb County, Georgia	105	82.4	4.8	(72.9–91.8)
DeKalb County, Georgia	151	85.8	3.8	(78.3–93.2)
Fulton County, Georgia	146	88.5	4.4	(79.8–97.1)
Gwinnett County, Georgia	99	92.6	2.9	(86.9–98.2)
Hawaii County, Hawaii	667	81.1	2.0	(77.1–85.0)
Honolulu County, Hawaii	1,325	80.2	1.5	(77.2–83.1)
Kauai County, Hawaii	296	78.2	3.8	(70.7–85.6)
Maui County, Hawaii	709	78.9	2.3	(74.3–83.4)
Ada County, Idaho	321	80.7	3.0	(74.8–86.5)
Bonneville County, Idaho	185	79.7	4.2	(71.4–87.9)
Canyon County, Idaho	207	73.0	4.1	(64.9–81.0)
Kootenai County, Idaho	184	82.1	3.6	(75.0–89.1)
Nez Perce County, Idaho	112	84.2	3.6	(77.1–91.2)
Twin Falls County, Idaho	160	76.7	3.9	(69.0–84.3)
Cook County, Illinois	1,375	81.3	1.6	(78.1–84.4)
DuPage County, Illinois	119	78.6	4.0	(70.7–86.4)
Allen County, Indiana	249	81.2	2.7	(75.9–86.4)
Lake County, Indiana	407	79.0	3.2	(72.7–85.2)
Marion County, Indiana	576	84.0	2.2	(79.6–88.3)
Linn County, Iowa	206	88.0	3.1	(81.9–94.0)
Polk County, Iowa	315	82.9	2.9	(77.2–88.5)
Johnson County, Kansas	595	87.9	2.0	(83.9–91.8)
Sedgwick County, Kansas	544	84.2	2.0	(80.2–88.1)
Shawnee County, Kansas	246	90.7	1.9	(86.9–94.4)
Wyandotte County, Kansas	245	80.7	3.6	(73.6–87.7)
Jefferson County, Kentucky	177	81.7	3.6	(74.6–88.7)
Caddo Parish, Louisiana	170	78.6	3.9	(70.9–86.2)
East Baton Rouge Parish, Louisiana	292	85.9	2.8	(80.4–91.3)
Jefferson Parish, Louisiana	225	83.2	3.1	(77.1–89.2)
Orleans Parish, Louisiana	164	84.1	3.5	(77.2–90.9)
St. Tammany Parish, Louisiana	135	NA	NA	NA
Androscoggin County, Maine	198	86.8	3.6	(79.7–93.8)
Cumberland County, Maine	645	87.5	1.5	(84.5–90.4)
Kennebec County, Maine	299	86.5	2.7	(81.2–91.7)
Penobscot County, Maine	312	82.9	2.6	(77.8–87.9)
Sagadahoc County, Maine	119	88.9	3.3	(82.4–95.3)
York County, Maine	413	87.2	2.0	(83.2–91.1)
Anne Arundel County, Maryland	257	85.0	2.9	(79.3–90.6)
Baltimore County, Maryland	456	89.4	1.5	(86.4–92.3)
Cecil County, Maryland	102	91.1	2.7	(85.8–96.3)
Charles County, Maryland	153	90.9	2.9	(85.2–96.5)
Frederick County, Maryland	251	87.0	2.8	(81.5–92.4)
Harford County, Maryland	125	85.7	3.5	(78.8–92.5)
Howard County, Maryland	171	89.2	2.9	(83.5–94.8)
Montgomery County, Maryland	517	84.7	2.2	(80.3–89.0)
Prince George's County, Maryland	339	89.9	2.1	(85.7–94.0)
Queen Anne's County, Maryland	121	94.7	2.0	(90.7–98.6)
Washington County, Maryland	171	86.7	2.8	(81.2–92.1)

See footnotes on page 116.

**TABLE 30. (Continued) Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	262	86.5	2.9	(80.8–92.1)
Bristol County, Massachusetts	1,267	90.5	1.2	(88.1–92.8)
Essex County, Massachusetts	976	90.4	2.1	(86.2–94.5)
Hampden County, Massachusetts	710	77.3	4.4	(68.6–85.9)
Hampshire County, Massachusetts	134	87.9	3.7	(80.6–95.1)
Middlesex County, Massachusetts	1,359	91.0	1.1	(88.8–93.1)
Norfolk County, Massachusetts	406	90.5	2.1	(86.3–94.6)
Plymouth County, Massachusetts	300	90.9	1.9	(87.1–94.6)
Suffolk County, Massachusetts	878	86.7	2.9	(81.0–92.3)
Worcester County, Massachusetts	956	83.6	2.9	(77.9–89.2)
Kent County, Michigan	189	85.3	3.7	(78.0–92.5)
Macomb County, Michigan	201	76.2	4.9	(66.5–85.8)
Oakland County, Michigan	389	85.8	2.9	(80.1–91.4)
Wayne County, Michigan	797	83.6	2.1	(79.4–87.7)
Anoka County, Minnesota	174	89.9	2.5	(85.0–94.8)
Dakota County, Minnesota	269	91.6	2.1	(87.4–95.7)
Hennepin County, Minnesota	919	88.6	2.0	(84.6–92.5)
Ramsey County, Minnesota	448	87.0	2.5	(82.1–91.9)
Washington County, Minnesota	117	93.9	1.8	(90.3–97.4)
DeSoto County, Mississippi	143	82.6	4.2	(74.3–90.8)
Hinds County, Mississippi	141	84.2	4.0	(76.3–92.0)
Jackson County, Missouri	210	78.1	3.7	(70.8–85.3)
St. Louis County, Missouri	264	83.7	4.2	(75.4–91.9)
St. Louis city, Missouri	286	81.7	2.9	(76.0–87.3)
Flathead County, Montana	236	81.8	2.8	(76.3–87.2)
Lewis and Clark County, Montana	203	85.1	2.4	(80.3–89.8)
Yellowstone County, Montana	198	80.9	3.3	(74.4–87.3)
Adams County, Nebraska	209	NA	NA	NA
Dakota County, Nebraska	308	78.4	2.8	(72.9–83.8)
Douglas County, Nebraska	413	84.9	2.3	(80.3–89.4)
Hall County, Nebraska	234	72.9	4.6	(63.8–81.9)
Lancaster County, Nebraska	316	80.5	3.9	(72.8–88.1)
Lincoln County, Nebraska	195	72.0	4.7	(62.7–81.2)
Madison County, Nebraska	187	77.4	4.3	(68.9–85.8)
Sarpy County, Nebraska	258	91.7	2.2	(87.3–96.0)
Scotts Bluff County, Nebraska	288	72.9	3.7	(65.6–80.1)
Seward County, Nebraska	107	NA	NA	NA
Clark County, Nevada	472	79.0	2.4	(74.2–83.7)
Washoe County, Nevada	479	84.8	2.1	(80.6–88.9)
Grafton County, New Hampshire	219	85.8	3.2	(79.5–92.0)
Hillsborough County, New Hampshire	650	80.5	2.4	(75.7–85.2)
Merrimack County, New Hampshire	303	90.7	1.9	(86.9–94.4)
Rockingham County, New Hampshire	481	84.9	2.6	(79.8–89.9)
Strafford County, New Hampshire	263	87.1	2.7	(81.8–92.3)
Atlantic County, New Jersey	388	80.4	2.5	(75.5–85.3)
Bergen County, New Jersey	293	82.4	2.8	(76.9–87.8)
Burlington County, New Jersey	280	84.6	2.7	(79.3–89.8)
Camden County, New Jersey	277	84.6	2.8	(79.1–90.0)
Cape May County, New Jersey	222	82.5	3.1	(76.4–88.5)
Essex County, New Jersey	494	81.3	2.4	(76.5–86.0)
Gloucester County, New Jersey	243	87.0	2.3	(82.4–91.5)
Hudson County, New Jersey	528	81.1	2.1	(76.9–85.2)
Hunterdon County, New Jersey	256	93.9	1.4	(91.1–96.6)
Mercer County, New Jersey	259	89.0	2.6	(83.9–94.0)
Middlesex County, New Jersey	281	84.7	2.8	(79.2–90.1)
Monmouth County, New Jersey	273	86.7	3.1	(80.6–92.7)
Morris County, New Jersey	316	86.5	2.4	(81.7–91.2)
Ocean County, New Jersey	250	86.5	2.0	(82.5–90.4)
Passaic County, New Jersey	242	80.0	3.1	(73.9–86.0)
Somerset County, New Jersey	260	85.5	3.3	(79.0–91.9)
Sussex County, New Jersey	235	85.2	3.1	(79.1–91.2)
Union County, New Jersey	242	83.4	3.2	(77.1–89.6)
Warren County, New Jersey	198	82.7	3.4	(76.0–89.3)

See footnotes on page 116.

**TABLE 30. (Continued) Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	527	84.7	2.4	(79.9–89.4)
Dona Ana County, New Mexico	194	80.4	4.6	(71.3–89.4)
Sandoval County, New Mexico	235	85.3	2.8	(79.8–90.7)
San Juan County, New Mexico	264	78.9	3.8	(71.4–86.3)
Santa Fe County, New Mexico	274	83.2	3.2	(76.9–89.4)
Valencia County, New Mexico	138	NA	NA	NA
Bronx County, New York	216	82.9	3.3	(76.4–89.3)
Erie County, New York	215	85.5	3.0	(79.6–91.3)
Kings County, New York	442	82.0	2.8	(76.5–87.4)
Monroe County, New York	185	85.3	3.2	(79.0–91.5)
Nassau County, New York	242	82.6	2.8	(77.1–88.0)
New York County, New York	526	82.5	2.7	(77.2–87.7)
Queens County, New York	378	79.9	2.6	(74.8–84.9)
Suffolk County, New York	272	81.6	3.5	(74.7–88.4)
Westchester County, New York	189	88.0	2.6	(82.9–93.0)
Buncombe County, North Carolina	93	NA	NA	NA
Cabarrus County, North Carolina	120	82.7	4.4	(74.0–91.3)
Catawba County, North Carolina	106	93.4	2.4	(88.6–98.1)
Durham County, North Carolina	280	89.4	3.5	(82.5–96.2)
Gaston County, North Carolina	99	NA	NA	NA
Guilford County, North Carolina	280	77.9	3.6	(70.8–84.9)
Johnston County, North Carolina	105	95.7	1.5	(92.7–98.6)
Mecklenburg County, North Carolina	287	88.5	2.6	(83.4–93.5)
Orange County, North Carolina	153	93.2	2.0	(89.2–97.1)
Randolph County, North Carolina	140	NA	NA	NA
Union County, North Carolina	127	NA	NA	NA
Wake County, North Carolina	328	90.4	1.9	(86.6–94.1)
Burleigh County, North Dakota	219	80.8	3.9	(73.1–88.4)
Cass County, North Dakota	313	83.1	3.8	(75.6–90.5)
Ward County, North Dakota	199	86.8	3.2	(80.5–93.0)
Cuyahoga County, Ohio	332	82.7	2.8	(77.2–88.1)
Franklin County, Ohio	286	83.3	2.7	(78.0–88.5)
Hamilton County, Ohio	326	82.5	2.7	(77.2–87.7)
Lucas County, Ohio	308	86.2	2.2	(81.8–90.5)
Mahoning County, Ohio	310	83.9	2.4	(79.1–88.6)
Montgomery County, Ohio	271	79.8	3.4	(73.1–86.4)
Stark County, Ohio	279	85.5	2.7	(80.2–90.7)
Summit County, Ohio	273	80.9	3.8	(73.4–88.3)
Cleveland County, Oklahoma	155	81.6	3.9	(73.9–89.2)
Oklahoma County, Oklahoma	572	80.8	2.2	(76.4–85.1)
Tulsa County, Oklahoma	601	75.5	2.3	(70.9–80.0)
Clackamas County, Oregon	170	79.8	4.0	(71.9–87.6)
Lane County, Oregon	189	NA	NA	NA
Multnomah County, Oregon	324	75.4	3.7	(68.1–82.6)
Washington County, Oregon	235	81.2	3.9	(73.5–88.8)
Allegheny County, Pennsylvania	598	84.4	1.9	(80.6–88.1)
Lehigh County, Pennsylvania	117	82.1	3.8	(74.6–89.5)
Luzerne County, Pennsylvania	123	72.2	4.8	(62.7–81.6)
Montgomery County, Pennsylvania	165	78.5	4.2	(70.2–86.7)
Northampton County, Pennsylvania	117	80.8	4.3	(72.3–89.2)
Philadelphia County, Pennsylvania	700	81.4	2.0	(77.4–85.3)
Westmoreland County, Pennsylvania	143	83.7	3.1	(77.6–89.7)
Bristol County, Rhode Island	137	84.4	3.8	(76.9–91.8)
Kent County, Rhode Island	438	83.1	2.5	(78.2–88.0)
Newport County, Rhode Island	221	84.7	3.4	(78.0–91.3)
Providence County, Rhode Island	1,920	82.2	1.7	(78.8–85.5)
Washington County, Rhode Island	338	91.0	1.8	(87.4–94.5)
Aiken County, South Carolina	158	80.6	4.4	(71.9–89.2)
Beaufort County, South Carolina	259	86.2	3.2	(79.9–92.4)
Berkeley County, South Carolina	137	94.5	1.9	(90.7–98.2)
Charleston County, South Carolina	257	85.4	4.2	(77.1–93.6)
Greenville County, South Carolina	161	NA	NA	NA
Horry County, South Carolina	194	83.2	4.0	(75.3–91.0)

See footnotes on page 116.

**TABLE 30. (Continued) Estimated prevalence of women aged  $\geq 18$  years who had a Papanicolaou (Pap) test during the preceding 3 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	253	NA	NA	NA
Minnehaha County, South Dakota	242	88.7	2.0	(84.7–92.6)
Pennington County, South Dakota	262	84.8	2.6	(79.7–89.8)
Davidson County, Tennessee	189	82.5	3.4	(75.8–89.1)
Hamilton County, Tennessee	170	NA	NA	NA
Knox County, Tennessee	156	83.7	4.1	(75.6–91.7)
Shelby County, Tennessee	179	83.6	3.3	(77.1–90.0)
Sullivan County, Tennessee	172	81.1	4.0	(73.2–88.9)
Bexar County, Texas	392	78.2	3.2	(71.9–84.4)
Dallas County, Texas	159	76.7	4.7	(67.4–85.9)
El Paso County, Texas	391	77.6	2.7	(72.3–82.8)
Fort Bend County, Texas	365	80.2	3.1	(74.1–86.2)
Harris County, Texas	616	77.2	2.7	(71.9–82.4)
Hidalgo County, Texas	286	70.9	3.4	(64.2–77.5)
Lubbock County, Texas	259	70.9	4.5	(62.0–79.7)
Midland County, Texas	195	77.6	4.4	(68.9–86.2)
Potter County, Texas	119	75.2	5.1	(65.2–85.1)
Randall County, Texas	162	80.9	4.4	(72.2–89.5)
Smith County, Texas	229	73.6	4.5	(64.7–82.4)
Tarrant County, Texas	226	84.5	3.4	(77.8–91.1)
Travis County, Texas	337	82.2	5.0	(72.4–92.0)
Val Verde County, Texas	267	NA	NA	NA
Webb County, Texas	468	71.7	2.8	(66.2–77.1)
Wichita County, Texas	201	72.6	5.0	(62.8–82.4)
Davis County, Utah	335	74.7	3.5	(67.8–81.5)
Salt Lake County, Utah	1,310	79.0	1.7	(75.6–82.3)
Summit County, Utah	180	86.3	3.5	(79.4–93.1)
Tooele County, Utah	239	73.8	3.4	(67.1–80.4)
Utah County, Utah	427	63.2	4.1	(55.1–71.2)
Weber County, Utah	283	82.5	2.6	(77.4–87.5)
Chittenden County, Vermont	694	80.3	2.6	(75.2–85.3)
Franklin County, Vermont	200	86.2	2.5	(81.3–91.1)
Orange County, Vermont	159	83.0	3.4	(76.3–89.6)
Rutland County, Vermont	311	76.4	3.6	(69.3–83.4)
Washington County, Vermont	300	84.7	3.2	(78.4–90.9)
Windsor County, Vermont	294	81.7	2.6	(76.6–86.7)
Benton County, Washington	141	83.4	4.0	(75.5–91.2)
Clark County, Washington	444	81.8	2.7	(76.5–87.0)
Franklin County, Washington	107	88.8	3.2	(82.5–95.0)
King County, Washington	1,307	82.2	1.6	(79.0–85.3)
Kitsap County, Washington	361	78.7	3.1	(72.6–84.7)
Pierce County, Washington	656	85.5	1.8	(81.9–89.0)
Snohomish County, Washington	682	84.7	1.8	(81.1–88.2)
Spokane County, Washington	449	77.0	3.1	(70.9–83.0)
Thurston County, Washington	364	82.2	2.6	(77.1–87.2)
Yakima County, Washington	291	80.2	2.9	(74.5–85.8)
Kanawha County, West Virginia	203	87.8	2.6	(82.7–92.8)
Milwaukee County, Wisconsin	526	80.8	3.5	(73.9–87.6)
Laramie County, Wyoming	316	86.7	2.2	(82.3–91.0)
Natrona County, Wyoming	290	73.5	3.7	(66.2–80.7)
Median		83.1		
Range		63.2–95.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was  $<50$  or if the confidence interval half width is  $>10$ .

**TABLE 31. Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	4,188	75.2	1.0	(73.3–77.1)
Alaska	765	72.4	2.3	(67.9–76.9)
Arizona	2,999	73.9	1.5	(70.9–76.9)
Arkansas	2,095	68.7	1.3	(66.1–71.3)
California	7,767	78.4	0.6	(77.2–79.5)
Colorado	5,366	70.3	0.8	(68.7–71.8)
Connecticut	3,375	81.4	0.9	(79.7–83.2)
Delaware	2,180	81.4	1.0	(79.4–83.4)
District of Columbia	1,814	80.0	1.3	(77.6–82.5)
Florida	18,023	77.1	0.7	(75.7–78.5)
Georgia	2,907	77.2	1.1	(75.0–79.3)
Hawaii	3,123	76.5	1.0	(74.4–78.5)
Idaho	3,333	63.8	1.1	(61.6–66.0)
Illinois	2,648	71.4	1.2	(69.1–73.7)
Indiana	5,105	71.3	0.8	(69.6–72.9)
Iowa	3,051	76.0	0.9	(74.3–77.8)
Kansas	4,287	76.0	0.8	(74.5–77.5)
Kentucky	4,491	69.9	1.1	(67.7–72.2)
Louisiana	3,805	76.3	0.8	(74.7–77.9)
Maine	4,159	80.6	0.7	(79.1–82.0)
Maryland	4,522	80.8	0.8	(79.2–82.3)
Massachusetts	7,678	83.6	0.7	(82.2–85.0)
Michigan	4,599	78.2	0.8	(76.6–79.7)
Minnesota	4,326	80.7	0.8	(79.0–82.3)
Mississippi	4,506	68.1	0.9	(66.3–69.9)
Missouri	2,752	71.3	1.3	(68.8–73.8)
Montana	3,502	67.4	1.0	(65.4–69.5)
Nebraska	8,395	71.5	0.8	(69.9–73.2)
Nevada	1,788	67.2	1.7	(63.8–70.6)
New Hampshire	3,112	80.4	0.9	(78.7–82.2)
New Jersey	5,884	77.3	0.8	(75.8–78.8)
New Mexico	3,454	71.0	1.0	(69.0–72.9)
New York	4,399	77.6	0.8	(76.1–79.2)
North Carolina	6,076	77.1	0.8	(75.6–78.7)
North Dakota	2,302	75.2	1.0	(73.2–77.1)
Ohio	5,019	74.2	0.8	(72.6–75.8)
Oklahoma	3,969	67.5	0.9	(65.8–69.3)
Oregon	2,560	71.4	1.1	(69.2–73.5)
Pennsylvania	5,649	73.9	0.8	(72.3–75.5)
Rhode Island	3,441	81.4	0.8	(79.7–83.0)
South Carolina	4,836	74.5	1.0	(72.5–76.5)
South Dakota	3,313	76.6	0.9	(74.8–78.5)
Tennessee	3,252	75.7	1.1	(73.5–77.9)
Texas	9,024	70.1	0.9	(68.3–71.8)
Utah	4,209	67.0	0.9	(65.2–68.8)
Vermont	3,392	78.1	0.8	(76.5–79.7)
Virginia	2,607	77.8	1.2	(75.4–80.1)
Washington	9,796	74.6	0.6	(73.5–75.7)
West Virginia	2,235	72.3	1.1	(70.1–74.5)
Wisconsin	2,275	78.7	1.1	(76.5–80.8)
Wyoming	2,888	67.3	1.0	(65.3–69.4)
Guam	288	64.4	3.3	(57.9–70.9)
Puerto Rico	1,843	76.7	1.3	(74.2–79.2)
Virgin Islands	882	64.2	2.0	(60.3–68.1)
Median		75.2		
Range		63.8–83.6		

Abbreviations: SE = standard error; CI = confidence interval.

**TABLE 32. Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	416	74.1	2.7	(68.8–79.3)
Albuquerque, New Mexico	1,114	75.2	1.6	(72.0–78.3)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	519	71.1	2.7	(65.8–76.3)
Amarillo, Texas	429	71.3	2.6	(66.2–76.3)
Arcadia, Florida	269	74.9	3.5	(68.0–81.7)
Asheville, North Carolina	290	79.6	3.4	(72.9–86.2)
Atlanta-Sandy Springs-Marietta, Georgia	1,147	78.2	1.7	(74.8–81.5)
Atlantic City, New Jersey	416	79.2	2.5	(74.3–84.1)
Augusta-Richmond County, Georgia-South Carolina	422	81.4	2.4	(76.6–86.1)
Augusta-Waterville, Maine	348	84.1	2.2	(79.7–88.4)
Austin-Round Rock, Texas	462	75.0	3.8	(67.5–82.4)
Baltimore-Towson, Maryland	1,669	81.5	1.1	(79.3–83.6)
Bangor, Maine	365	86.2	2.1	(82.0–90.3)
Barre, Vermont	343	81.3	2.4	(76.5–86.0)
Baton Rouge, Louisiana	627	82.5	1.7	(79.1–85.8)
Bethesda-Gaithersburg-Frederick, Maryland*	797	80.9	1.9	(77.1–84.6)
Billings, Montana	284	70.9	3.3	(64.4–77.3)
Birmingham-Hoover, Alabama	654	77.2	2.1	(73.0–81.3)
Bismarck, North Dakota	366	74.7	2.5	(69.8–79.6)
Boise City-Nampa, Idaho	778	67.8	2.1	(63.6–71.9)
Boston-Quincy, Massachusetts*	1,599	85.9	1.1	(83.7–88.0)
Bremerton-Silverdale, Washington	444	72.7	2.5	(67.8–77.6)
Bridgeport-Stamford-Norwalk, Connecticut	1,059	80.8	1.7	(77.4–84.1)
Buffalo-Cheektowaga-Tonawanda, New York	331	79.5	2.7	(74.2–84.7)
Burlington-South Burlington, Vermont	950	78.1	1.5	(75.1–81.0)
Cambridge-Newton-Framingham, Massachusetts*	1,337	86.1	1.4	(83.3–88.8)
Camden, New Jersey*	844	75.9	1.8	(72.3–79.4)
Canton-Massillon, Ohio	389	77.3	3.0	(71.4–83.1)
Cape Coral-Fort Myers, Florida	275	73.7	3.6	(66.6–80.7)
Casper, Wyoming	369	65.3	3.1	(59.2–71.3)
Cedar Rapids, Iowa	279	78.3	3.3	(71.8–84.7)
Charleston, West Virginia	400	81.7	2.2	(77.3–86.0)
Charleston-North Charleston, South Carolina	597	76.5	2.6	(71.4–81.5)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	868	75.9	2.0	(71.9–79.8)
Chattanooga, Tennessee-Georgia	331	79.8	3.3	(73.3–86.2)
Cheyenne, Wyoming	470	76.6	2.5	(71.7–81.5)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	2,529	73.9	1.2	(71.5–76.2)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	934	69.4	2.1	(65.2–73.5)
Cleveland-Elyria-Mentor, Ohio	578	76.4	2.2	(72.0–80.7)
Coeur d'Alene, Idaho	280	69.2	3.6	(62.1–76.2)
Colorado Springs, Colorado	525	74.0	2.3	(69.4–78.5)
Columbia, South Carolina	581	77.3	2.7	(72.0–82.5)
Columbus, Ohio	661	75.9	2.0	(71.9–79.8)
Concord, New Hampshire	366	81.7	2.4	(76.9–86.4)
Dallas-Plano-Irving, Texas*	349	77.2	2.6	(72.1–82.2)
Dayton, Ohio	438	76.9	2.6	(71.8–81.9)
Del Rio, Texas	296	NA†	NA	NA
Deltona-Daytona Beach-Ormond Beach, Florida	477	72.9	2.6	(67.8–77.9)
Denver-Aurora, Colorado	2,168	71.1	1.2	(68.7–73.4)
Des Moines-West Des Moines, Iowa	474	76.4	2.3	(71.8–80.9)
Detroit-Livonia-Dearborn, Michigan*	1,088	76.7	2.1	(72.5–80.8)
Dover, Delaware	629	81.6	1.8	(78.0–85.1)
Durham, North Carolina	542	78.6	2.3	(74.0–83.1)
Edison, New Jersey*	1,103	78.9	1.5	(75.9–81.8)
El Paso, Texas	419	71.4	2.7	(66.1–76.6)
Eugene-Springfield, Oregon	268	72.6	3.2	(66.3–78.8)
Evansville, Indiana-Kentucky	291	76.7	3.4	(70.0–83.3)
Fargo, North Dakota-Minnesota	389	80.2	2.8	(74.7–85.6)
Farmington, New Mexico	312	66.1	3.7	(58.8–73.3)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	330	60.6	4.2	(52.3–68.8)
Fort Collins-Loveland, Colorado	266	71.4	3.2	(65.1–77.6)
Fort Wayne, Indiana	353	73.5	2.8	(68.0–78.9)
Fort Worth-Arlington, Texas*	375	78.7	2.7	(73.4–83.9)

See footnotes on page 121.



**TABLE 32. (Continued) Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	484	76.9	2.9	(71.2–82.5)
Grand Island, Nebraska	440	71.7	2.7	(66.4–76.9)
Grand Rapids-Wyoming, Michigan	298	76.8	3.0	(70.9–82.6)
Greensboro-High Point, North Carolina	584	78.4	2.2	(74.0–82.7)
Greenville, South Carolina	396	66.5	4.2	(58.2–74.7)
Hagerstown-Martinsburg, Maryland-West Virginia	339	72.6	3.2	(66.3–78.8)
Hartford-West Hartford-East Hartford, Connecticut	1,047	83.4	1.5	(80.4–86.3)
Hastings, Nebraska	320	66.1	3.6	(59.0–73.1)
Helena, Montana	323	72.2	2.8	(66.7–77.6)
Hickory-Morganton-Lenoir, North Carolina	292	76.1	3.0	(70.2–81.9)
Hilo, Hawaii	682	73.2	2.0	(69.2–77.1)
Hilton Head Island-Beaufort, South Carolina	384	78.2	2.8	(72.7–83.6)
Homosassa Springs, Florida	310	69.9	3.3	(63.4–76.3)
Honolulu, Hawaii	1,376	78.4	1.4	(75.6–81.1)
Houston-Sugar Land-Baytown, Texas	1,301	70.5	1.8	(66.9–74.0)
Huntington-Ashland, West Virginia-Kentucky-Ohio	352	68.1	3.3	(61.6–74.5)
Idaho Falls, Idaho	304	60.3	3.2	(54.0–66.5)
Indianapolis-Carmel, Indiana	1,117	73.8	1.8	(70.2–77.3)
Jackson, Mississippi	409	75.5	2.6	(70.4–80.5)
Jacksonville, Florida	1,280	78.0	1.9	(74.2–81.7)
Kahului-Wailuku, Hawaii	734	73.8	2.2	(69.4–78.1)
Kalispell, Montana	305	74.3	2.9	(68.6–79.9)
Kansas City, Missouri-Kansas	1,688	76.5	1.5	(73.5–79.4)
Kapaa, Hawaii	331	72.6	2.9	(66.9–78.2)
Kennewick-Richland-Pasco, Washington	295	74.0	3.2	(67.7–80.2)
Key West-Marathon, Florida	255	75.2	3.2	(68.9–81.4)
Kingsport-Bristol, Tennessee-Virginia	389	73.3	3.8	(65.8–80.7)
Knoxville, Tennessee	310	79.0	3.1	(72.9–85.0)
Lake City, Florida	279	67.1	4.2	(58.8–75.3)
Lakeland-Winter Haven, Florida	271	75.7	3.3	(69.2–82.1)
Laredo, Texas	398	61.0	2.8	(55.5–66.4)
Las Cruces, New Mexico	255	70.9	3.5	(64.0–77.7)
Las Vegas-Paradise, Nevada	563	66.8	2.4	(62.0–71.5)
Lebanon, New Hampshire-Vermont	780	79.5	1.6	(76.3–82.6)
Lewiston, Idaho-Washington	292	71.1	3.4	(64.4–77.7)
Lewiston-Auburn, Maine	258	79.3	3.2	(73.0–85.5)
Lincoln, Nebraska	551	74.2	2.3	(69.6–78.7)
Little Rock-North Little Rock, Arkansas	433	73.9	2.8	(68.4–79.3)
Los Angeles-Long Beach-Glendale, California*	1,083	81.3	1.4	(78.5–84.0)
Louisville, Kentucky-Indiana	468	74.8	2.6	(69.7–79.8)
Lubbock, Texas	397	76.8	2.7	(71.5–82.0)
Manchester-Nashua, New Hampshire	705	81.8	1.7	(78.4–85.1)
McAllen-Edinburg-Mission, Texas	290	66.8	3.3	(60.3–73.2)
Memphis, Tennessee-Mississippi-Arkansas	645	78.8	2.1	(74.6–82.9)
Miami-Fort Lauderdale-Miami Beach, Florida	532	79.6	2.3	(75.0–84.1)
Midland, Texas	285	63.8	3.5	(56.9–70.6)
Milwaukee-Waukesha-West Allis, Wisconsin	747	81.1	2.3	(76.5–85.6)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	2,285	81.4	1.2	(79.0–83.7)
Minot, North Dakota	277	81.4	2.5	(76.5–86.3)
Mobile, Alabama	355	78.9	2.6	(73.8–83.9)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	274	77.3	3.2	(71.0–83.5)
Naples-Marco Island, Florida	289	78.1	4.2	(69.8–86.3)
Nashville-Davidson-Murfreesboro, Tennessee	448	77.0	2.6	(71.9–82.0)
Nassau-Suffolk, New York*	512	76.6	2.3	(72.0–81.1)
Newark-Union, New Jersey-Pennsylvania*	1,603	78.5	1.4	(75.7–81.2)
New Haven-Milford, Connecticut	839	80.8	2.0	(76.8–84.7)
New Orleans-Metairie-Kenner, Louisiana	826	75.8	1.7	(72.4–79.1)
New York-White Plains-Wayne, New York-New Jersey*	2,815	78.9	1.0	(76.9–80.8)
Norfolk, Nebraska	361	69.0	2.6	(63.9–74.0)
North Platte, Nebraska	300	72.7	2.9	(67.0–78.3)
North Port-Bradenton-Sarasota, Florida	628	78.4	2.1	(74.2–82.5)
Ocala, Florida	300	76.2	3.0	(70.3–82.0)
Ocean City, New Jersey	265	81.8	2.9	(76.1–87.4)

See footnotes on page 121.

**TABLE 32. (Continued) Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	716	68.4	2.0	(64.4–72.3)
Oklahoma City, Oklahoma	1,254	70.8	1.5	(67.8–73.7)
Olympia, Washington	370	76.3	2.6	(71.2–81.3)
Omaha-Council Bluffs, Nebraska-Iowa	1,132	74.2	1.7	(70.8–77.5)
Orlando-Kissimmee, Florida	1,327	72.5	1.7	(69.1–75.8)
Palm Bay-Melbourne-Titusville, Florida	272	77.4	3.0	(71.5–83.2)
Panama City-Lynn Haven, Florida	261	77.7	3.4	(71.0–84.3)
Peabody, Massachusetts	1,002	88.0	1.7	(84.6–91.3)
Pensacola-Ferry Pass-Brent, Florida	517	78.7	2.3	(74.1–83.2)
Philadelphia, Pennsylvania*	1,207	77.0	1.7	(73.6–80.3)
Phoenix-Mesa-Scottsdale, Arizona	837	73.8	2.1	(69.6–77.9)
Pittsburgh, Pennsylvania	1,282	72.9	1.5	(69.9–75.8)
Portland-South Portland-Biddeford, Maine	1,345	81.7	1.3	(79.1–84.2)
Portland-Vancouver-Beaverton, Oregon-Washington	1,712	72.6	1.4	(69.8–75.3)
Port St. Lucie-Fort Pierce, Florida	519	73.8	2.5	(68.9–78.7)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	4,820	83.5	0.7	(82.1–84.8)
Provo-Orem, Utah	441	66.5	2.7	(61.2–71.7)
Raleigh-Cary, North Carolina	487	79.8	2.4	(75.0–84.5)
Rapid City, South Dakota	413	70.3	2.7	(65.0–75.5)
Reno-Sparks, Nevada	607	71.3	2.2	(66.9–75.6)
Richmond, Virginia	406	76.6	2.6	(71.5–81.6)
Riverside-San Bernardino-Ontario, California	778	75.8	1.9	(72.0–79.5)
Rochester, New York	319	78.5	2.9	(72.8–84.1)
Rockingham County-Strafford County, New Hampshire*	810	82.7	1.6	(79.5–85.8)
Rutland, Vermont	362	72.9	2.7	(67.6–78.1)
Sacramento-Arden-Arcade-Roseville, California	608	81.1	2.0	(77.1–85.0)
St. Louis, Missouri-Illinois	880	75.3	2.1	(71.1–79.4)
Salt Lake City, Utah	1,799	66.7	1.4	(63.9–69.4)
San Antonio, Texas	573	70.1	2.6	(65.0–75.1)
San Diego-Carlsbad-San Marcos, California	738	77.5	1.8	(73.9–81.0)
San Francisco-Oakland-Fremont, California	1,066	81.5	1.5	(78.5–84.4)
San Jose-Sunnyvale-Santa Clara, California	384	82.0	2.4	(77.2–86.7)
Santa Ana-Anaheim-Irvine, California*	653	81.0	1.9	(77.2–84.7)
Santa Fe, New Mexico	329	71.8	3.2	(65.5–78.0)
Scottsbluff, Nebraska	438	66.5	2.9	(60.8–72.1)
Scranton-Wilkes-Barre, Pennsylvania	286	72.8	3.2	(66.5–79.0)
Seaford, Delaware	664	82.9	1.8	(79.3–86.4)
Seattle-Bellevue-Everett, Washington*	2,299	76.6	1.1	(74.4–78.7)
Sebring, Florida	300	72.0	3.8	(64.5–79.4)
Shreveport-Bossier City, Louisiana	378	73.6	2.9	(67.9–79.2)
Sioux City, Iowa-Nebraska-South Dakota	597	76.3	3.2	(70.0–82.5)
Sioux Falls, South Dakota	404	83.2	2.1	(79.0–87.3)
Spokane, Washington	599	74.0	2.2	(69.6–78.3)
Springfield, Massachusetts	995	82.5	1.9	(78.7–86.2)
Tacoma, Washington*	844	74.2	1.9	(70.4–77.9)
Tallahassee, Florida	1,063	82.0	2.2	(77.6–86.3)
Tampa-St. Petersburg-Clearwater, Florida	1,073	77.6	1.8	(74.0–81.1)
Toledo, Ohio	427	79.2	2.4	(74.4–83.9)
Topeka, Kansas	414	78.8	2.3	(74.2–83.3)
Trenton-Ewing, New Jersey	243	83.1	2.8	(77.6–88.5)
Tucson, Arizona	389	78.5	2.7	(73.2–83.7)
Tulsa, Oklahoma	1,080	67.9	1.7	(64.5–71.2)
Tuscaloosa, Alabama	281	81.8	2.7	(76.5–87.0)
Twin Falls, Idaho	282	62.9	3.6	(55.8–69.9)
Tyler, Texas	350	78.6	2.5	(73.7–83.5)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	525	82.0	2.2	(77.6–86.3)
Warren-Troy-Farmington Hills, Michigan*	942	78.6	1.7	(75.2–81.9)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	2,920	81.2	1.8	(77.6–84.7)
Wauchula, Florida	284	64.5	3.5	(57.6–71.3)
West Palm Beach-Boca Raton-Boynton Beach, Florida*	285	84.5	2.7	(79.2–89.7)
Wichita, Kansas	906	77.9	1.6	(74.7–81.0)
Wichita Falls, Texas	439	74.5	2.7	(69.2–79.7)
Wilmington, Delaware-Maryland-New Jersey*	1,094	80.1	1.4	(77.3–82.8)

See footnotes on page 121.

**TABLE 32. (Continued) Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	985	82.7	1.8	(79.1–86.2)
Yakima, Washington	356	74.4	2.8	(68.9–79.8)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	577	72.9	3.3	(66.4–79.3)
Median		76.5		
Range		60.3–86.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

† Estimate not available (NA) if the unweighted sample size for the denominator was  $< 50$  or if the confidence interval half width is  $> 10$ .

**TABLE 33. Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	324	78.3	3.0	(72.4–84.1)
Mobile County, Alabama	355	78.9	2.6	(73.8–83.9)
Tuscaloosa County, Alabama	233	82.8	2.8	(77.3–88.2)
Maricopa County, Arizona	628	74.3	2.2	(69.9–78.6)
Pima County, Arizona	389	78.5	2.7	(73.2–83.7)
Pinal County, Arizona	209	NA*	NA	NA
Benton County, Arkansas	173	NA	NA	NA
Pulaski County, Arkansas	298	79.9	3.3	(73.4–86.3)
Washington County, Arkansas	139	NA	NA	NA
Alameda County, California	318	82.2	3.0	(76.3–88.0)
Contra Costa County, California	316	79.8	2.9	(74.1–85.4)
Los Angeles County, California	1,083	81.3	1.4	(78.5–84.0)
Orange County, California	653	81.0	1.9	(77.2–84.7)
Placer County, California	122	78.7	4.6	(69.6–87.7)
Riverside County, California	391	76.5	2.9	(70.8–82.1)
Sacramento County, California	342	83.2	2.5	(78.3–88.1)
San Bernardino County, California	387	73.8	2.7	(68.5–79.0)
San Diego County, California	738	77.5	1.8	(73.9–81.0)
San Francisco County, California	148	78.7	4.1	(70.6–86.7)
San Mateo County, California	177	85.1	3.2	(78.8–91.3)
Santa Clara County, California	366	82.2	2.4	(77.4–86.9)
Adams County, Colorado	358	61.8	3.1	(55.7–67.8)
Arapahoe County, Colorado	379	74.0	2.6	(68.9–79.0)
Denver County, Colorado	436	68.6	2.6	(63.5–73.6)
Douglas County, Colorado	230	73.4	3.3	(66.9–79.8)
El Paso County, Colorado	460	74.7	2.4	(69.9–79.4)
Jefferson County, Colorado	548	73.7	2.2	(69.3–78.0)
Larimer County, Colorado	266	71.4	3.2	(65.1–77.6)
Fairfield County, Connecticut	1,059	80.8	1.7	(77.4–84.1)
Hartford County, Connecticut	779	82.7	1.8	(79.1–86.2)
Middlesex County, Connecticut	143	84.6	3.9	(76.9–92.2)
New Haven County, Connecticut	839	80.8	2.0	(76.8–84.7)
Tolland County, Connecticut	125	82.7	4.6	(73.6–91.7)
Kent County, Delaware	629	81.6	1.8	(78.0–85.1)
New Castle County, Delaware	887	81.2	1.5	(78.2–84.1)
Sussex County, Delaware	664	82.9	1.8	(79.3–86.4)
District of Columbia, District of Columbia	1,814	80.4	1.2	(78.0–82.7)
Alachua County, Florida	272	76.1	3.7	(68.8–83.3)
Baker County, Florida	265	NA	NA	NA
Bay County, Florida	261	77.7	3.4	(71.0–84.3)
Brevard County, Florida	272	77.4	3.0	(71.5–83.2)
Broward County, Florida	267	81.0	3.0	(75.1–86.8)
Citrus County, Florida	310	69.9	3.3	(63.4–76.3)
Clay County, Florida	219	71.7	3.7	(64.4–78.9)
Collier County, Florida	289	78.1	4.2	(69.8–86.3)
Columbia County, Florida	279	67.1	4.2	(58.8–75.3)
DeSoto County, Florida	269	74.9	3.5	(68.0–81.7)
Duval County, Florida	279	78.4	3.0	(72.5–84.2)
Escambia County, Florida	263	80.0	3.0	(74.1–85.8)
Gadsden County, Florida	283	81.2	2.9	(75.5–86.8)
Gilchrist County, Florida	212	NA	NA	NA
Hardee County, Florida	284	64.5	3.5	(57.6–71.3)
Hernando County, Florida	266	72.2	3.4	(65.5–78.8)
Highlands County, Florida	300	72.0	3.8	(64.5–79.4)
Hillsborough County, Florida	244	76.6	3.7	(69.3–83.8)
Jefferson County, Florida	281	75.4	3.3	(68.9–81.8)
Lake County, Florida	322	79.1	2.6	(74.0–84.1)
Lee County, Florida	275	73.7	3.6	(66.6–80.7)
Leon County, Florida	246	83.5	2.9	(77.8–89.1)
Manatee County, Florida	283	76.6	3.2	(70.3–82.8)
Marion County, Florida	300	76.2	3.0	(70.3–82.0)
Martin County, Florida	272	76.9	3.0	(71.0–82.7)
Miami-Dade County, Florida	265	78.9	3.4	(72.2–85.5)

See footnotes on page 126.

**TABLE 33. (Continued) Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	255	75.2	3.2	(68.9–81.4)
Nassau County, Florida	253	78.4	3.2	(72.1–84.6)
Orange County, Florida	479	71.0	2.8	(65.5–76.4)
Osceola County, Florida	282	70.5	4.1	(62.4–78.5)
Palm Beach County, Florida	285	84.5	2.7	(79.2–89.7)
Pasco County, Florida	301	76.8	3.3	(70.3–83.2)
Pinellas County, Florida	262	79.8	2.9	(74.1–85.4)
Polk County, Florida	271	75.7	3.3	(69.2–82.1)
St. Johns County, Florida	264	81.5	3.0	(75.6–87.3)
St. Lucie County, Florida	247	72.0	3.5	(65.1–78.8)
Santa Rosa County, Florida	254	76.8	3.3	(70.3–83.2)
Sarasota County, Florida	345	79.9	2.7	(74.6–85.1)
Seminole County, Florida	244	69.0	3.4	(62.3–75.6)
Volusia County, Florida	477	72.9	2.6	(67.8–77.9)
Wakulla County, Florida	253	NA	NA	NA
Cobb County, Georgia	126	86.6	3.3	(80.1–93.0)
DeKalb County, Georgia	174	79.4	3.9	(71.7–87.0)
Fulton County, Georgia	173	78.0	5.0	(68.2–87.8)
Gwinnett County, Georgia	109	81.2	4.8	(71.7–90.6)
Hawaii County, Hawaii	682	73.2	2.0	(69.2–77.1)
Honolulu County, Hawaii	1,376	78.4	1.4	(75.6–81.1)
Kauai County, Hawaii	331	72.6	2.9	(66.9–78.2)
Maui County, Hawaii	734	73.8	2.2	(69.4–78.1)
Ada County, Idaho	419	71.3	2.7	(66.0–76.5)
Bonneville County, Idaho	242	64.6	3.5	(57.7–71.4)
Canyon County, Idaho	274	65.7	3.4	(59.0–72.3)
Kootenai County, Idaho	280	69.2	3.6	(62.1–76.2)
Nez Perce County, Idaho	181	69.7	4.0	(61.8–77.5)
Twin Falls County, Idaho	222	63.7	4.1	(55.6–71.7)
Cook County, Illinois	1,484	76.5	1.4	(73.7–79.2)
DuPage County, Illinois	113	74.0	4.6	(64.9–83.0)
Allen County, Indiana	289	71.5	3.1	(65.4–77.5)
Lake County, Indiana	509	69.5	3.5	(62.6–76.3)
Marion County, Indiana	734	72.5	2.5	(67.6–77.4)
Linn County, Iowa	241	81.1	3.1	(75.0–87.1)
Polk County, Iowa	365	75.7	2.6	(70.6–80.7)
Johnson County, Kansas	668	81.8	1.8	(78.2–85.3)
Sedgwick County, Kansas	686	78.4	1.8	(74.8–81.9)
Shawnee County, Kansas	318	81.8	2.5	(76.9–86.7)
Wyandotte County, Kansas	327	73.4	3.2	(67.1–79.6)
Jefferson County, Kentucky	208	78.5	3.6	(71.4–85.5)
Caddo Parish, Louisiana	245	74.1	3.5	(67.2–80.9)
East Baton Rouge Parish, Louisiana	388	84.0	2.1	(79.8–88.1)
Jefferson Parish, Louisiana	333	76.3	3.0	(70.4–82.1)
Orleans Parish, Louisiana	208	76.4	3.6	(69.3–83.4)
St. Tammany Parish, Louisiana	193	77.3	3.4	(70.6–83.9)
Androscoggin County, Maine	258	79.3	3.2	(73.0–85.5)
Cumberland County, Maine	725	82.2	1.7	(78.8–85.5)
Kennebec County, Maine	348	84.1	2.2	(79.7–88.4)
Penobscot County, Maine	365	86.2	2.1	(82.0–90.3)
Sagadahoc County, Maine	151	75.3	4.8	(65.8–84.7)
York County, Maine	469	82.3	2.1	(78.1–86.4)
Anne Arundel County, Maryland	293	77.3	2.9	(71.6–82.9)
Baltimore County, Maryland	512	80.9	2.0	(76.9–84.8)
Cecil County, Maryland	118	78.8	4.3	(70.3–87.2)
Charles County, Maryland	155	84.6	3.4	(77.9–91.2)
Frederick County, Maryland	285	80.2	2.7	(74.9–85.4)
Harford County, Maryland	141	84.4	3.4	(77.7–91.0)
Howard County, Maryland	165	89.5	2.5	(84.6–94.4)
Montgomery County, Maryland	512	81.0	2.3	(76.4–85.5)
Prince George's County, Maryland	374	78.4	2.9	(72.7–84.0)
Queen Anne's County, Maryland	134	89.7	3.2	(83.4–95.9)
Washington County, Maryland	217	77.3	3.5	(70.4–84.1)

See footnotes on page 126.

**TABLE 33. (Continued) Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	311	80.6	2.8	(75.1–86.0)
Bristol County, Massachusetts	1,379	88.2	1.6	(85.0–91.3)
Essex County, Massachusetts	1,002	87.8	1.7	(84.4–91.1)
Hampden County, Massachusetts	780	83.3	2.3	(78.7–87.8)
Hampshire County, Massachusetts	126	81.3	5.0	(71.5–91.1)
Middlesex County, Massachusetts	1,337	86.2	1.3	(83.6–88.7)
Norfolk County, Massachusetts	421	85.4	2.0	(81.4–89.3)
Plymouth County, Massachusetts	342	87.3	1.9	(83.5–91.0)
Suffolk County, Massachusetts	836	84.6	1.9	(80.8–88.3)
Worcester County, Massachusetts	985	82.7	1.8	(79.1–86.2)
Kent County, Michigan	222	76.7	3.6	(69.6–83.7)
Macomb County, Michigan	253	83.2	2.7	(77.9–88.4)
Oakland County, Michigan	493	78.3	2.4	(73.5–83.0)
Wayne County, Michigan	1,088	76.7	2.1	(72.5–80.8)
Anoka County, Minnesota	180	87.1	3.0	(81.2–92.9)
Dakota County, Minnesota	267	77.2	3.4	(70.5–83.8)
Hennepin County, Minnesota	965	83.7	1.9	(79.9–87.4)
Ramsey County, Minnesota	462	81.7	2.8	(76.2–87.1)
Washington County, Minnesota	113	80.8	4.4	(72.1–89.4)
DeSoto County, Mississippi	222	65.2	4.6	(56.1–74.2)
Hinds County, Mississippi	199	74.3	3.8	(66.8–81.7)
Jackson County, Missouri	265	74.1	3.3	(67.6–80.5)
St. Louis County, Missouri	302	80.9	3.2	(74.6–87.1)
St. Louis city, Missouri	332	71.6	3.9	(63.9–79.2)
Flathead County, Montana	305	74.3	2.9	(68.6–79.9)
Lewis and Clark County, Montana	269	71.7	3.4	(65.0–78.3)
Yellowstone County, Montana	260	71.5	3.5	(64.6–78.3)
Adams County, Nebraska	269	64.5	4.1	(56.4–72.5)
Dakota County, Nebraska	364	63.0	3.1	(56.9–69.0)
Douglas County, Nebraska	468	76.4	2.4	(71.6–81.1)
Hall County, Nebraska	298	71.6	3.3	(65.1–78.0)
Lancaster County, Nebraska	406	74.7	2.5	(69.8–79.6)
Lincoln County, Nebraska	280	74.7	2.9	(69.0–80.3)
Madison County, Nebraska	256	67.6	3.1	(61.5–73.6)
Sarpy County, Nebraska	275	77.9	3.3	(71.4–84.3)
Scotts Bluff County, Nebraska	427	66.1	3.0	(60.2–71.9)
Seward County, Nebraska	145	68.4	4.9	(58.7–78.0)
Clark County, Nevada	563	66.8	2.4	(62.0–71.5)
Washoe County, Nevada	599	70.9	2.2	(66.5–75.2)
Grafton County, New Hampshire	256	81.5	2.7	(76.2–86.7)
Hillsborough County, New Hampshire	705	81.8	1.7	(78.4–85.1)
Merrimack County, New Hampshire	366	81.7	2.4	(76.9–86.4)
Rockingham County, New Hampshire	517	82.8	2.0	(78.8–86.7)
Strafford County, New Hampshire	293	83.1	2.5	(78.2–88.0)
Atlantic County, New Jersey	416	79.2	2.5	(74.3–84.1)
Bergen County, New Jersey	300	73.9	3.2	(67.6–80.1)
Burlington County, New Jersey	302	77.6	2.8	(72.1–83.0)
Camden County, New Jersey	294	70.0	4.1	(61.9–78.0)
Cape May County, New Jersey	265	81.8	2.9	(76.1–87.4)
Essex County, New Jersey	490	80.6	2.3	(76.0–85.1)
Gloucester County, New Jersey	248	78.2	3.2	(71.9–84.4)
Hudson County, New Jersey	451	74.0	2.6	(68.9–79.0)
Hunterdon County, New Jersey	262	81.6	2.6	(76.5–86.6)
Mercer County, New Jersey	243	83.1	2.8	(77.6–88.5)
Middlesex County, New Jersey	296	75.9	3.5	(69.0–82.7)
Monmouth County, New Jersey	275	82.5	2.7	(77.2–87.7)
Morris County, New Jersey	321	75.1	3.1	(69.0–81.1)
Ocean County, New Jersey	279	75.1	3.0	(69.2–80.9)
Passaic County, New Jersey	210	75.2	3.5	(68.3–82.0)
Somerset County, New Jersey	253	82.0	2.6	(76.9–87.0)
Sussex County, New Jersey	232	80.0	3.2	(73.7–86.2)
Union County, New Jersey	267	77.7	3.1	(71.6–83.7)
Warren County, New Jersey	226	74.6	3.5	(67.7–81.4)

See footnotes on page 126.



**TABLE 33. (Continued) Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	625	77.6	2.0	(73.6–81.5)
Dona Ana County, New Mexico	255	70.9	3.5	(64.0–77.7)
Sandoval County, New Mexico	272	73.0	3.4	(66.3–79.6)
San Juan County, New Mexico	312	66.1	3.7	(58.8–73.3)
Santa Fe County, New Mexico	329	71.8	3.2	(65.5–78.0)
Valencia County, New Mexico	188	NA	NA	NA
Bronx County, New York	200	84.3	2.9	(78.6–89.9)
Erie County, New York	257	80.8	3.0	(74.9–86.6)
Kings County, New York	392	79.1	2.4	(74.3–83.8)
Monroe County, New York	218	80.3	4.0	(72.4–88.1)
Nassau County, New York	232	78.4	3.2	(72.1–84.6)
New York County, New York	519	78.4	2.4	(73.6–83.1)
Queens County, New York	361	77.2	2.7	(71.9–82.4)
Suffolk County, New York	280	76.7	2.9	(71.0–82.3)
Westchester County, New York	196	83.9	3.2	(77.6–90.1)
Buncombe County, North Carolina	142	79.5	4.7	(70.2–88.7)
Cabarrus County, North Carolina	152	83.0	3.5	(76.1–89.8)
Catawba County, North Carolina	137	73.9	4.8	(64.4–83.3)
Durham County, North Carolina	322	79.2	2.9	(73.5–84.8)
Gaston County, North Carolina	148	77.1	4.8	(67.6–86.5)
Guilford County, North Carolina	353	78.6	2.8	(73.1–84.0)
Johnston County, North Carolina	132	NA	NA	NA
Mecklenburg County, North Carolina	321	76.7	2.9	(71.0–82.3)
Orange County, North Carolina	161	79.8	3.8	(72.3–87.2)
Randolph County, North Carolina	197	76.3	3.5	(69.4–83.1)
Union County, North Carolina	157	72.2	4.8	(62.7–81.6)
Wake County, North Carolina	336	81.3	2.6	(76.2–86.3)
Burleigh County, North Dakota	267	74.6	3.0	(68.7–80.4)
Cass County, North Dakota	364	77.9	2.5	(73.0–82.8)
Ward County, North Dakota	233	84.3	2.5	(79.4–89.2)
Cuyahoga County, Ohio	366	77.5	2.7	(72.2–82.7)
Franklin County, Ohio	310	75.8	2.8	(70.3–81.2)
Hamilton County, Ohio	374	71.3	2.8	(65.8–76.7)
Lucas County, Ohio	364	75.1	2.5	(70.2–80.0)
Mahoning County, Ohio	406	74.2	2.6	(69.1–79.2)
Montgomery County, Ohio	368	77.5	2.7	(72.2–82.7)
Stark County, Ohio	373	80.4	2.5	(75.5–85.3)
Summit County, Ohio	362	71.7	2.9	(66.0–77.3)
Cleveland County, Oklahoma	210	75.7	3.5	(68.8–82.5)
Oklahoma County, Oklahoma	730	70.9	2.0	(66.9–74.8)
Tulsa County, Oklahoma	763	67.0	2.0	(63.0–70.9)
Clackamas County, Oregon	228	73.0	3.7	(65.7–80.2)
Lane County, Oregon	268	72.6	3.2	(66.3–78.8)
Multnomah County, Oregon	403	72.4	2.9	(66.7–78.0)
Washington County, Oregon	274	71.6	3.1	(65.5–77.6)
Allegheny County, Pennsylvania	737	75.0	2.0	(71.0–78.9)
Lehigh County, Pennsylvania	129	NA	NA	NA
Luzerne County, Pennsylvania	164	68.2	4.5	(59.3–77.0)
Montgomery County, Pennsylvania	170	76.9	3.7	(69.6–84.1)
Northampton County, Pennsylvania	134	71.7	5.1	(61.7–81.6)
Philadelphia County, Pennsylvania	736	77.7	1.9	(73.9–81.4)
Westmoreland County, Pennsylvania	184	72.7	3.9	(65.0–80.3)
Bristol County, Rhode Island	142	86.5	3.2	(80.2–92.7)
Kent County, Rhode Island	493	79.9	2.1	(75.7–84.0)
Newport County, Rhode Island	253	80.3	2.9	(74.6–85.9)
Providence County, Rhode Island	2,144	82.2	1.0	(80.2–84.1)
Washington County, Rhode Island	409	81.5	2.5	(76.6–86.4)
Aiken County, South Carolina	235	78.4	3.2	(72.1–84.6)
Beaufort County, South Carolina	327	78.7	2.9	(73.0–84.3)
Berkeley County, South Carolina	187	NA	NA	NA
Charleston County, South Carolina	353	77.4	3.6	(70.3–84.4)
Greenville County, South Carolina	258	68.8	4.5	(59.9–77.6)
Horry County, South Carolina	274	77.3	3.1	(71.2–83.3)

See footnotes on page 126.

**TABLE 33. (Continued) Estimated prevalence of women aged  $\geq 40$  years who had a mammogram during the preceding 2 years, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	347	78.5	4.4	(69.8–87.1)
Minnehaha County, South Dakota	299	82.8	2.4	(78.0–87.5)
Pennington County, South Dakota	331	71.8	3.0	(65.9–77.6)
Davidson County, Tennessee	233	73.1	3.9	(65.4–80.7)
Hamilton County, Tennessee	236	86.5	2.6	(81.4–91.5)
Knox County, Tennessee	217	75.4	3.8	(67.9–82.8)
Shelby County, Tennessee	225	83.4	3.0	(77.5–89.2)
Sullivan County, Tennessee	273	75.3	3.9	(67.6–82.9)
Bexar County, Texas	499	72.5	2.5	(67.6–77.4)
Dallas County, Texas	194	75.4	3.8	(67.9–82.8)
El Paso County, Texas	419	71.4	2.7	(66.1–76.6)
Fort Bend County, Texas	433	69.7	2.9	(64.0–75.3)
Harris County, Texas	697	71.1	2.0	(67.1–75.0)
Hidalgo County, Texas	290	66.8	3.3	(60.3–73.2)
Lubbock County, Texas	387	77.1	2.7	(71.8–82.3)
Midland County, Texas	285	63.8	3.5	(56.9–70.6)
Potter County, Texas	171	75.5	3.7	(68.2–82.7)
Randall County, Texas	239	69.0	3.7	(61.7–76.2)
Smith County, Texas	350	78.6	2.5	(73.7–83.5)
Tarrant County, Texas	306	77.8	2.9	(72.1–83.4)
Travis County, Texas	359	NA	NA	NA
Val Verde County, Texas	296	NA	NA	NA
Webb County, Texas	398	61.0	2.8	(55.5–66.4)
Wichita County, Texas	354	75.9	2.9	(70.2–81.5)
Davis County, Utah	359	66.6	2.9	(60.9–72.2)
Salt Lake County, Utah	1,388	66.8	1.5	(63.8–69.7)
Summit County, Utah	191	73.9	3.5	(67.0–80.7)
Tooele County, Utah	220	59.3	3.8	(51.8–66.7)
Utah County, Utah	416	66.3	2.7	(61.0–71.5)
Weber County, Utah	339	71.7	2.9	(66.0–77.3)
Chittenden County, Vermont	714	77.4	1.8	(73.8–80.9)
Franklin County, Vermont	197	79.5	3.0	(73.6–85.3)
Orange County, Vermont	166	81.0	3.6	(73.9–88.0)
Rutland County, Vermont	362	72.9	2.7	(67.6–78.1)
Washington County, Vermont	343	81.3	2.4	(76.5–86.0)
Windsor County, Vermont	358	75.9	2.6	(70.8–80.9)
Benton County, Washington	180	73.5	4.1	(65.4–81.5)
Clark County, Washington	550	76.4	2.2	(72.0–80.7)
Franklin County, Washington	115	73.7	5.0	(63.9–83.5)
King County, Washington	1,496	76.8	1.3	(74.2–79.3)
Kitsap County, Washington	444	72.7	2.5	(67.8–77.6)
Pierce County, Washington	844	73.6	1.9	(69.8–77.3)
Snohomish County, Washington	803	77.1	1.7	(73.7–80.4)
Spokane County, Washington	599	74.0	2.2	(69.6–78.3)
Thurston County, Washington	370	76.3	2.6	(71.2–81.3)
Yakima County, Washington	356	74.4	2.8	(68.9–79.8)
Kanawha County, West Virginia	264	84.2	2.5	(79.3–89.1)
Milwaukee County, Wisconsin	597	78.6	3.0	(72.7–84.4)
Laramie County, Wyoming	470	76.6	2.5	(71.7–81.5)
Natrona County, Wyoming	369	65.3	3.1	(59.2–71.3)
Median		77.1		
Range		59.3–89.7		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was  $< 50$  or if the confidence interval half width is  $> 10$ .

**TABLE 34. Estimated prevalence of adults aged  $\geq 18$  years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,624	21.9	0.8	(20.4–23.4)
Alaska	1,945	20.4	1.6	(17.3–23.4)
Arizona	5,729	15.0	0.9	(13.3–16.8)
Arkansas	4,001	22.9	1.2	(20.6–25.2)
California	16,937	12.1	0.4	(11.4–12.8)
Colorado	11,582	16.0	0.6	(14.9–17.1)
Connecticut	6,723	13.2	0.7	(11.8–14.6)
Delaware	4,226	17.3	0.9	(15.5–19.1)
District of Columbia	3,951	15.6	0.8	(14.1–17.2)
Florida	34,920	17.1	0.5	(16.1–18.1)
Georgia	5,763	17.6	0.8	(16.0–19.2)
Hawaii	6,534	14.5	0.7	(13.2–15.8)
Idaho	6,985	15.7	0.7	(14.3–17.0)
Illinois	5,195	16.9	0.8	(15.3–18.5)
Indiana	10,154	21.2	0.7	(19.9–22.5)
Iowa	6,077	16.1	0.7	(14.8–17.5)
Kansas	8,527	17.0	0.6	(15.8–18.2)
Kentucky	8,030	24.8	0.9	(23.1–26.5)
Louisiana	7,005	22.1	0.8	(20.6–23.6)
Maine	8,073	18.2	0.6	(17.0–19.5)
Maryland	9,149	15.2	0.6	(14.0–16.5)
Massachusetts	16,219	14.1	0.5	(13.2–15.0)
Michigan	8,840	18.9	0.6	(17.7–20.2)
Minnesota	8,933	14.9	0.7	(13.5–16.3)
Mississippi	8,052	22.9	0.8	(21.4–24.5)
Missouri	5,408	21.1	0.9	(19.2–22.9)
Montana	7,287	18.8	0.9	(17.1–20.5)
Nebraska	16,348	17.2	0.7	(15.8–18.7)
Nevada	3,905	21.3	1.1	(19.1–23.6)
New Hampshire	6,023	16.9	0.7	(15.5–18.2)
New Jersey	12,370	14.4	0.5	(13.4–15.4)
New Mexico	6,976	18.5	0.8	(16.8–20.1)
New York	8,899	15.5	0.5	(14.4–16.5)
North Carolina	12,085	19.8	0.7	(18.5–21.1)
North Dakota	4,749	17.4	0.9	(15.7–19.1)
Ohio	9,804	22.5	0.7	(21.2–23.9)
Oklahoma	7,724	23.7	0.7	(22.3–25.0)
Oregon	5,039	15.1	0.8	(13.5–16.7)
Pennsylvania	11,170	18.4	0.5	(17.4–19.5)
Rhode Island	6,577	15.7	0.7	(14.3–17.1)
South Carolina	9,366	21.0	0.9	(19.1–22.8)
South Dakota	6,695	15.4	0.7	(14.0–16.8)
Tennessee	5,739	20.1	0.9	(18.3–21.8)
Texas	17,967	15.8	0.6	(14.6–17.0)
Utah	10,129	9.1	0.5	(8.2–10.0)
Vermont	6,765	15.4	0.6	(14.1–16.6)
Virginia	5,358	18.5	1.3	(16.0–21.0)
Washington	19,496	15.2	0.4	(14.4–16.0)
West Virginia	4,393	26.8	0.9	(25.0–28.6)
Wisconsin	4,766	19.1	1.0	(17.0–21.1)
Wyoming	5,815	19.5	0.8	(18.0–21.1)
Guam	783	25.8	2.1	(21.7–29.9)
Puerto Rico	3,540	11.9	0.8	(10.2–13.5)
Virgin Islands	1,813	5.8	0.7	(4.4–7.2)
Median		17.3		
Range		5.8–26.8		

Abbreviations: SE = standard error; CI = confidence interval.

\* Smoked everyday or someday during the period of survey.

**TABLE 35. Estimated prevalence of adults aged  $\geq 18$  years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	808	25.5	2.8	(20.0–30.9)
Albuquerque, New Mexico	2,189	19.4	1.5	(16.4–22.3)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,085	16.8	1.7	(13.4–20.1)
Amarillo, Texas	829	21.3	2.3	(16.7–25.8)
Arcadia, Florida	501	24.3	4.0	(16.4–32.1)
Asheville, North Carolina	548	17.4	2.6	(12.3–22.4)
Atlanta-Sandy Springs-Marietta, Georgia	2,344	14.9	1.2	(12.5–17.2)
Atlantic City, New Jersey	921	19.4	1.9	(15.6–23.1)
Augusta-Richmond County, Georgia-South Carolina	868	19.8	2.3	(15.2–24.3)
Augusta-Waterville, Maine	650	20.7	2.3	(16.1–25.2)
Austin-Round Rock, Texas	968	10.4	2.4	(5.6–15.1)
Baltimore-Towson, Maryland	3,329	17.3	1.1	(15.1–19.4)
Bangor, Maine	687	15.4	1.8	(11.8–18.9)
Barre, Vermont	668	14.3	1.8	(10.7–17.8)
Baton Rouge, Louisiana	1,197	15.9	1.4	(13.1–18.6)
Bethesda-Gaithersburg-Frederick, Maryland†	1,634	8.4	1.0	(6.4–10.3)
Billings, Montana	535	16.0	2.4	(11.2–20.7)
Birmingham-Hoover, Alabama	1,191	21.2	1.8	(17.6–24.7)
Bismarck, North Dakota	770	13.9	1.7	(10.5–17.2)
Boise City-Nampa, Idaho	1,658	15.2	1.3	(12.6–17.7)
Boston-Quincy, Massachusetts†	3,288	14.4	1.0	(12.4–16.3)
Bremerton-Silverdale, Washington	914	17.0	1.8	(13.4–20.5)
Bridgeport-Stamford-Norwalk, Connecticut	2,164	10.0	1.1	(7.8–12.1)
Buffalo-Cheektowaga-Tonawanda, New York	603	23.8	2.8	(18.3–29.2)
Burlington-South Burlington, Vermont	1,990	14.6	1.2	(12.2–16.9)
Cambridge-Newton-Framingham, Massachusetts†	3,006	10.7	1.0	(8.7–12.6)
Camden, New Jersey†	1,694	18.5	1.4	(15.7–21.2)
Canton-Massillon, Ohio	745	23.4	2.4	(18.6–28.1)
Cape Coral-Fort Myers, Florida	513	27.1	4.2	(18.8–35.3)
Casper, Wyoming	767	25.6	2.4	(20.8–30.3)
Cedar Rapids, Iowa	559	14.6	2.0	(10.6–18.5)
Charleston, West Virginia	769	24.1	2.1	(19.9–28.2)
Charleston-North Charleston, South Carolina	1,148	21.8	2.7	(16.5–27.0)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,704	16.5	1.4	(13.7–19.2)
Chattanooga, Tennessee-Georgia	537	16.7	2.5	(11.8–21.6)
Cheyenne, Wyoming	907	22.3	1.9	(18.5–26.0)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	5,008	16.8	0.9	(15.0–18.5)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,788	21.9	2.0	(17.9–25.8)
Cleveland-Elyria-Mentor, Ohio	1,094	20.5	1.8	(16.9–24.0)
Coeur d'Alene, Idaho	568	17.4	2.7	(12.1–22.6)
Colorado Springs, Colorado	1,164	17.9	1.7	(14.5–21.2)
Columbia, South Carolina	1,135	21.8	2.4	(17.0–26.5)
Columbus, Ohio	1,384	20.0	1.5	(17.0–22.9)
Concord, New Hampshire	635	13.2	2.1	(9.0–17.3)
Dallas-Plano-Irving, Texas†	717	14.6	2.0	(10.6–18.5)
Dayton, Ohio	851	20.7	2.3	(16.1–25.2)
Del Rio, Texas	556	10.6	1.8	(7.0–14.1)
Deltona-Daytona Beach-Ormond Beach, Florida	859	23.3	2.6	(18.2–28.3)
Denver-Aurora, Colorado	4,806	14.6	0.8	(13.0–16.1)
Des Moines-West Des Moines, Iowa	1,000	15.8	1.6	(12.6–18.9)
Detroit-Livonia-Dearborn, Michigan†	1,905	20.2	1.5	(17.2–23.1)
Dover, Delaware	1,250	20.0	1.6	(16.8–23.1)
Durham, North Carolina	1,030	12.2	1.5	(9.2–15.1)
Edison, New Jersey†	2,258	10.9	0.9	(9.1–12.6)
El Paso, Texas	865	14.4	1.5	(11.4–17.3)
Eugene-Springfield, Oregon	510	19.5	2.8	(14.0–24.9)
Evansville, Indiana-Kentucky	534	17.9	2.5	(13.0–22.8)
Fargo, North Dakota-Minnesota	829	12.0	2.1	(7.8–16.1)
Farmington, New Mexico	684	20.4	2.3	(15.8–24.9)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	698	19.5	2.6	(14.4–24.5)
Fort Collins-Loveland, Colorado	557	17.2	2.9	(11.5–22.8)
Fort Wayne, Indiana	713	18.2	1.9	(14.4–21.9)
Fort Worth-Arlington, Texas†	735	14.6	2.2	(10.2–18.9)

See footnotes on page 131.

**TABLE 35. (Continued) Estimated prevalence of adults aged ≥18 years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	946	13.8	2.3	(9.2–18.3)
Grand Island, Nebraska	861	15.2	1.8	(11.6–18.7)
Grand Rapids-Wyoming, Michigan	622	19.2	2.4	(14.4–23.9)
Greensboro-High Point, North Carolina	1,154	20.2	2.3	(15.6–24.7)
Greenville, South Carolina	779	17.0	2.5	(12.1–21.9)
Hagerstown-Martinsburg, Maryland-West Virginia	644	23.4	2.8	(17.9–28.8)
Hartford-West Hartford-East Hartford, Connecticut	2,011	13.1	1.3	(10.5–15.6)
Hastings, Nebraska	588	14.0	2.2	(9.6–18.3)
Helena, Montana	641	17.3	2.4	(12.5–22.0)
Hickory-Morganton-Lenoir, North Carolina	600	22.4	2.6	(17.3–27.4)
Hilo, Hawaii	1,477	20.0	1.6	(16.8–23.1)
Hilton Head Island-Beaufort, South Carolina	800	19.2	2.2	(14.8–23.5)
Homosassa Springs, Florida	531	21.6	2.7	(16.3–26.8)
Honolulu, Hawaii	2,950	13.1	0.9	(11.3–14.8)
Houston-Sugar Land-Baytown, Texas	2,728	16.2	1.4	(13.4–18.9)
Huntington-Ashland, West Virginia-Kentucky-Ohio	656	27.3	2.6	(22.2–32.3)
Idaho Falls, Idaho	664	11.9	1.7	(8.5–15.2)
Indianapolis-Carmel, Indiana	2,245	19.8	1.3	(17.2–22.3)
Jackson, Mississippi	760	19.4	2.0	(15.4–23.3)
Jacksonville, Florida	2,578	17.7	1.5	(14.7–20.6)
Kahului-Wailuku, Hawaii	1,462	15.8	1.6	(12.6–18.9)
Kalispell, Montana	700	18.6	2.2	(14.2–22.9)
Kansas City, Missouri-Kansas	3,375	19.1	1.2	(16.7–21.4)
Kapaa, Hawaii	645	18.5	2.5	(13.6–23.4)
Kennewick-Richland-Pasco, Washington	641	8.8	1.6	(5.6–11.9)
Key West-Marathon, Florida	503	21.4	2.8	(15.9–26.8)
Kingsport-Bristol, Tennessee-Virginia	655	21.5	3.0	(15.6–27.3)
Knoxville, Tennessee	528	21.2	2.8	(15.7–26.6)
Lake City, Florida	566	27.9	2.8	(22.4–33.3)
Lakeland-Winter Haven, Florida	520	21.5	2.6	(16.4–26.5)
Laredo, Texas	914	15.8	1.6	(12.6–18.9)
Las Cruces, New Mexico	504	11.9	2.0	(7.9–15.8)
Las Vegas-Paradise, Nevada	1,266	22.1	1.6	(18.9–25.2)
Lebanon, New Hampshire-Vermont	1,549	16.9	1.5	(13.9–19.8)
Lewiston, Idaho-Washington	601	22.9	2.6	(17.8–27.9)
Lewiston-Auburn, Maine	498	13.8	2.0	(9.8–17.7)
Lincoln, Nebraska	1,127	17.4	2.2	(13.0–21.7)
Little Rock-North Little Rock, Arkansas	819	19.9	2.6	(14.8–24.9)
Los Angeles-Long Beach-Glendale, California†	2,464	11.7	0.9	(9.9–13.4)
Louisville, Kentucky-Indiana	907	22.9	2.0	(18.9–26.8)
Lubbock, Texas	781	21.9	2.6	(16.8–26.9)
Manchester-Nashua, New Hampshire	1,417	16.9	1.5	(13.9–19.8)
McAllen-Edinburg-Mission, Texas	593	12.6	2.2	(8.2–16.9)
Memphis, Tennessee-Mississippi-Arkansas	1,150	17.3	2.3	(12.7–21.8)
Miami-Fort Lauderdale-Miami Beach, Florida	1,025	12.4	1.7	(9.0–15.7)
Midland, Texas	522	18.4	2.4	(13.6–23.1)
Milwaukee-Waukesha-West Allis, Wisconsin	1,530	20.5	2.1	(16.3–24.6)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,848	15.2	1.1	(13.0–17.3)
Minot, North Dakota	555	13.5	1.8	(9.9–17.0)
Mobile, Alabama	677	25.0	2.8	(19.5–30.4)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	552	23.4	2.9	(17.7–29.0)
Naples-Marco Island, Florida	518	16.9	3.4	(10.2–23.5)
Nashville-Davidson-Murfreesboro, Tennessee	827	17.4	2.1	(13.2–21.5)
Nassau-Suffolk, New York†	1,067	13.7	1.4	(10.9–16.4)
Newark-Union, New Jersey-Pennsylvania†	3,296	14.1	1.1	(11.9–16.2)
New Haven-Milford, Connecticut	1,665	15.6	1.6	(12.4–18.7)
New Orleans-Metairie-Kenner, Louisiana	1,531	20.3	1.5	(17.3–23.2)
New York-White Plains-Wayne, New York-New Jersey†	6,170	13.7	0.7	(12.3–15.0)
Norfolk, Nebraska	677	15.9	2.4	(11.1–20.6)
North Platte, Nebraska	578	17.2	2.3	(12.6–21.7)
North Port-Bradenton-Sarasota, Florida	1,127	18.3	2.0	(14.3–22.2)
Ocala, Florida	588	23.8	3.0	(17.9–29.6)
Ocean City, New Jersey	521	20.6	2.5	(15.7–25.5)

See footnotes on page 131.

**TABLE 35. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,693	8.1	0.9	(6.3–9.8)
Oklahoma City, Oklahoma	2,470	22.7	1.2	(20.3–25.0)
Olympia, Washington	775	18.6	2.1	(14.4–22.7)
Omaha-Council Bluffs, Nebraska-Iowa	2,355	19.0	1.3	(16.4–21.5)
Orlando-Kissimmee, Florida	2,668	15.8	1.2	(13.4–18.1)
Palm Bay-Melbourne-Titusville, Florida	523	20.4	3.0	(14.5–26.2)
Panama City-Lynn Haven, Florida	541	15.9	2.1	(11.7–20.0)
Peabody, Massachusetts	2,126	12.6	1.5	(9.6–15.5)
Pensacola-Ferry Pass-Brent, Florida	1,012	22.6	1.9	(18.8–26.3)
Philadelphia, Pennsylvania†	2,347	15.9	1.1	(13.7–18.0)
Phoenix-Mesa-Scottsdale, Arizona	1,681	14.8	1.5	(11.8–17.7)
Pittsburgh, Pennsylvania	2,415	17.2	1.0	(15.2–19.1)
Portland-South Portland-Biddeford, Maine	2,611	17.2	1.1	(15.0–19.3)
Portland-Vancouver-Beaverton, Oregon-Washington	3,390	13.9	1.1	(11.7–16.0)
Port St. Lucie-Fort Pierce, Florida	1,021	17.9	2.2	(13.5–22.2)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,498	16.7	0.7	(15.3–18.0)
Provo-Orem, Utah	1,176	5.8	1.2	(3.4–8.1)
Raleigh-Cary, North Carolina	1,025	16.6	1.9	(12.8–20.3)
Rapid City, South Dakota	846	17.5	1.7	(14.1–20.8)
Reno-Sparks, Nevada	1,325	19.1	1.5	(16.1–22.0)
Richmond, Virginia	796	19.6	2.7	(14.3–24.8)
Riverside-San Bernardino-Ontario, California	1,804	14.0	1.2	(11.6–16.3)
Rochester, New York	564	13.7	2.0	(9.7–17.6)
Rockingham County-Strafford County, New Hampshire†	1,604	16.5	1.3	(13.9–19.0)
Rutland, Vermont	652	19.0	2.3	(14.4–23.5)
Sacramento-Arden-Arcade-Roseville, California	1,234	10.9	1.3	(8.3–13.4)
St. Louis, Missouri-Illinois	1,747	17.8	1.6	(14.6–20.9)
Salt Lake City, Utah	4,296	10.8	0.7	(9.4–12.1)
San Antonio, Texas	1,127	17.0	1.9	(13.2–20.7)
San Diego-Carlsbad-San Marcos, California	1,619	13.0	1.2	(10.6–15.3)
San Francisco-Oakland-Fremont, California	2,244	9.5	0.8	(7.9–11.0)
San Jose-Sunnyvale-Santa Clara, California	876	8.0	1.4	(5.2–10.7)
Santa Ana-Anaheim-Irvine, California†	1,383	9.0	1.2	(6.6–11.3)
Santa Fe, New Mexico	607	19.8	2.5	(14.9–24.7)
Scottsbluff, Nebraska	760	20.7	2.5	(15.8–25.6)
Scranton-Wilkes-Barre, Pennsylvania	551	24.3	2.6	(19.2–29.3)
Seaford, Delaware	1,232	19.1	1.7	(15.7–22.4)
Seattle-Bellevue-Everett, Washington†	4,668	12.9	0.7	(11.5–14.2)
Sebring, Florida	517	20.5	3.2	(14.2–26.7)
Shreveport-Bossier City, Louisiana	683	27.0	2.6	(21.9–32.0)
Sioux City, Iowa-Nebraska-South Dakota	1,217	18.1	2.3	(13.5–22.6)
Sioux Falls, South Dakota	835	11.7	1.5	(8.7–14.6)
Spokane, Washington	1,213	16.6	1.7	(13.2–19.9)
Springfield, Massachusetts	2,046	18.3	1.7	(14.9–21.6)
Tacoma, Washington†	1,715	16.8	1.2	(14.4–19.1)
Tallahassee, Florida	2,042	17.1	2.1	(12.9–21.2)
Tampa-St. Petersburg-Clearwater, Florida	2,027	20.5	1.7	(17.1–23.8)
Toledo, Ohio	859	21.2	2.0	(17.2–25.1)
Topeka, Kansas	831	17.4	1.8	(13.8–20.9)
Trenton-Ewing, New Jersey	502	11.5	1.8	(7.9–15.0)
Tucson, Arizona	694	15.5	2.5	(10.6–20.4)
Tulsa, Oklahoma	2,136	24.3	1.4	(21.5–27.0)
Tuscaloosa, Alabama	515	28.5	3.5	(21.6–35.3)
Twin Falls, Idaho	536	14.0	2.1	(9.8–18.1)
Tyler, Texas	665	21.9	3.3	(15.4–28.3)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,100	21.8	2.6	(16.7–26.8)
Warren-Troy-Farmington Hills, Michigan†	1,798	15.0	1.2	(12.6–17.3)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,412	13.0	1.3	(10.4–15.5)
Wauchula, Florida	529	16.0	2.8	(10.5–21.4)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	552	8.8	1.6	(5.6–11.9)
Wichita, Kansas	1,842	18.8	1.4	(16.0–21.5)
Wichita Falls, Texas	826	20.3	2.3	(15.7–24.8)
Wilmington, Delaware-Maryland-New Jersey†	2,210	18.1	1.2	(15.7–20.4)

See footnotes on page 131.



**TABLE 35. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	2,096	15.6	1.6	(12.4–18.7)
Yakima, Washington	739	14.9	1.9	(11.1–18.6)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,052	26.5	2.8	(21.0–31.9)
Median		17.4		
Range		5.8–28.5		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Smoked everyday or someday during the period of survey.

† Metropolitan division.

**TABLE 36. Estimated prevalence of adults aged  $\geq 18$  years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	596	21.3	2.5	(16.4–26.2)
Mobile County, Alabama	677	25.0	2.8	(19.5–30.4)
Tuscaloosa County, Alabama	432	29.5	3.6	(22.4–36.5)
Maricopa County, Arizona	1,296	14.6	1.6	(11.4–17.7)
Pima County, Arizona	694	15.5	2.5	(10.6–20.4)
Pinal County, Arizona	385	15.8	2.9	(10.1–21.4)
Benton County, Arkansas	359	17.7	3.2	(11.4–23.9)
Pulaski County, Arkansas	556	18.3	3.3	(11.8–24.7)
Washington County, Arkansas	298	18.8	3.6	(11.7–25.8)
Alameda County, California	721	10.1	1.4	(7.3–12.8)
Contra Costa County, California	610	10.9	1.9	(7.1–14.6)
Los Angeles County, California	2,464	11.7	0.9	(9.9–13.4)
Orange County, California	1,383	9.0	1.2	(6.6–11.3)
Placer County, California	245	6.7	1.8	(3.1–10.2)
Riverside County, California	895	12.6	1.6	(9.4–15.7)
Sacramento County, California	712	12.8	1.7	(9.4–16.1)
San Bernardino County, California	909	14.9	1.7	(11.5–18.2)
San Diego County, California	1,619	13.0	1.2	(10.6–15.3)
San Francisco County, California	364	8.4	1.7	(5.0–11.7)
San Mateo County, California	356	7.0	1.6	(3.8–10.1)
Santa Clara County, California	842	7.7	1.4	(4.9–10.4)
Adams County, Colorado	805	22.5	2.2	(18.1–26.8)
Arapahoe County, Colorado	868	11.9	1.5	(8.9–14.8)
Denver County, Colorado	870	15.8	1.9	(12.0–19.5)
Douglas County, Colorado	574	10.2	2.1	(6.0–14.3)
El Paso County, Colorado	1,031	17.3	1.7	(13.9–20.6)
Jefferson County, Colorado	1,163	14.9	1.7	(11.5–18.2)
Larimer County, Colorado	557	17.2	2.9	(11.5–22.8)
Fairfield County, Connecticut	2,164	10.0	1.1	(7.8–12.1)
Hartford County, Connecticut	1,496	12.8	1.4	(10.0–15.5)
Middlesex County, Connecticut	261	12.7	2.9	(7.0–18.3)
New Haven County, Connecticut	1,665	15.6	1.6	(12.4–18.7)
Tolland County, Connecticut	254	14.3	3.5	(7.4–21.1)
Kent County, Delaware	1,250	20.0	1.6	(16.8–23.1)
New Castle County, Delaware	1,744	15.9	1.3	(13.3–18.4)
Sussex County, Delaware	1,232	19.1	1.7	(15.7–22.4)
District of Columbia, District of Columbia	3,951	14.6	0.8	(13.0–16.1)
Alachua County, Florida	531	13.3	2.4	(8.5–18.0)
Baker County, Florida	509	19.6	3.8	(12.1–27.0)
Bay County, Florida	541	15.9	2.1	(11.7–20.0)
Brevard County, Florida	523	20.4	3.0	(14.5–26.2)
Broward County, Florida	523	13.7	2.2	(9.3–18.0)
Citrus County, Florida	531	21.6	2.7	(16.3–26.8)
Clay County, Florida	483	20.7	2.6	(15.6–25.7)
Collier County, Florida	518	16.9	3.4	(10.2–23.5)
Columbia County, Florida	566	27.9	2.8	(22.4–33.3)
DeSoto County, Florida	501	24.3	4.0	(16.4–32.1)
Duval County, Florida	550	18.1	2.2	(13.7–22.4)
Escambia County, Florida	518	22.7	2.7	(17.4–27.9)
Gadsden County, Florida	510	18.2	3.8	(10.7–25.6)
Gilchrist County, Florida	415	NA <sup>†</sup>	NA	NA
Hardee County, Florida	529	16.0	2.8	(10.5–21.4)
Hernando County, Florida	487	18.2	2.4	(13.4–22.9)
Highlands County, Florida	517	20.5	3.2	(14.2–26.7)
Hillsborough County, Florida	504	20.3	2.9	(14.6–25.9)
Jefferson County, Florida	501	26.6	4.0	(18.7–34.4)
Lake County, Florida	606	14.6	1.8	(11.0–18.1)
Lee County, Florida	513	27.1	4.2	(18.8–35.3)
Leon County, Florida	495	14.2	2.4	(9.4–18.9)
Manatee County, Florida	522	18.8	2.9	(13.1–24.4)
Marion County, Florida	588	23.8	3.0	(17.9–29.6)
Martin County, Florida	520	14.2	2.3	(9.6–18.7)
Miami-Dade County, Florida	502	10.2	2.3	(5.6–14.7)

See footnotes on page 136.

**TABLE 36. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	503	21.4	2.8	(15.9–26.8)
Nassau County, Florida	518	17.9	2.7	(12.6–23.1)
Orange County, Florida	1,004	13.0	1.7	(9.6–16.3)
Osceola County, Florida	567	18.9	2.8	(13.4–24.3)
Palm Beach County, Florida	552	8.8	1.6	(5.6–11.9)
Pasco County, Florida	541	21.2	3.0	(15.3–27.0)
Pinellas County, Florida	495	20.3	2.8	(14.8–25.7)
Polk County, Florida	520	21.5	2.6	(16.4–26.5)
St. Johns County, Florida	518	11.4	1.8	(7.8–14.9)
St. Lucie County, Florida	501	18.0	2.5	(13.1–22.9)
Santa Rosa County, Florida	494	22.0	2.7	(16.7–27.2)
Sarasota County, Florida	605	18.5	2.7	(13.2–23.7)
Seminole County, Florida	491	21.7	2.9	(16.0–27.3)
Volusia County, Florida	859	23.3	2.6	(18.2–28.3)
Wakulla County, Florida	536	26.5	2.9	(20.8–32.1)
Cobb County, Georgia	253	13.3	2.8	(7.8–18.7)
DeKalb County, Georgia	341	6.4	1.7	(3.0–9.7)
Fulton County, Georgia	329	10.4	2.5	(5.5–15.3)
Gwinnett County, Georgia	251	15.3	3.5	(8.4–22.1)
Hawaii County, Hawaii	1,477	20.0	1.6	(16.8–23.1)
Honolulu County, Hawaii	2,950	13.1	0.9	(11.3–14.8)
Kauai County, Hawaii	645	18.5	2.5	(13.6–23.4)
Maui County, Hawaii	1,462	15.8	1.6	(12.6–18.9)
Ada County, Idaho	862	13.1	1.8	(9.5–16.6)
Bonneville County, Idaho	521	12.0	1.9	(8.2–15.7)
Canyon County, Idaho	618	18.1	2.1	(13.9–22.2)
Kootenai County, Idaho	568	17.4	2.7	(12.1–22.6)
Nez Perce County, Idaho	381	22.5	3.1	(16.4–28.5)
Twin Falls County, Idaho	431	15.7	2.4	(10.9–20.4)
Cook County, Illinois	2,883	18.3	1.1	(16.1–20.4)
DuPage County, Illinois	256	12.1	2.7	(6.8–17.3)
Allen County, Indiana	578	18.5	2.2	(14.1–22.8)
Lake County, Indiana	996	21.1	2.3	(16.5–25.6)
Marion County, Indiana	1,456	23.6	2.0	(19.6–27.5)
Linn County, Iowa	495	16.6	2.2	(12.2–20.9)
Polk County, Iowa	763	18.1	2.0	(14.1–22.0)
Johnson County, Kansas	1,412	12.0	1.2	(9.6–14.3)
Sedgwick County, Kansas	1,429	19.8	1.6	(16.6–22.9)
Shawnee County, Kansas	620	15.5	1.9	(11.7–19.2)
Wyandotte County, Kansas	607	24.5	2.6	(19.4–29.5)
Jefferson County, Kentucky	409	22.7	2.7	(17.4–27.9)
Caddo Parish, Louisiana	447	21.9	2.6	(16.8–26.9)
East Baton Rouge Parish, Louisiana	721	14.5	1.9	(10.7–18.2)
Jefferson Parish, Louisiana	593	20.6	2.4	(15.8–25.3)
Orleans Parish, Louisiana	375	19.6	3.0	(13.7–25.4)
St. Tammany Parish, Louisiana	372	18.8	2.8	(13.3–24.2)
Androscoggin County, Maine	498	13.8	2.0	(9.8–17.7)
Cumberland County, Maine	1,376	15.8	1.6	(12.6–18.9)
Kennebec County, Maine	650	20.7	2.3	(16.1–25.2)
Penobscot County, Maine	687	15.4	1.8	(11.8–18.9)
Sagadahoc County, Maine	298	13.0	2.5	(8.1–17.9)
York County, Maine	937	19.6	1.8	(16.0–23.1)
Anne Arundel County, Maryland	600	15.3	2.1	(11.1–19.4)
Baltimore County, Maryland	1,047	14.8	1.5	(11.8–17.7)
Cecil County, Maryland	270	25.3	3.4	(18.6–31.9)
Charles County, Maryland	348	14.3	2.2	(9.9–18.6)
Frederick County, Maryland	577	12.4	2.0	(8.4–16.3)
Harford County, Maryland	279	20.0	3.4	(13.3–26.6)
Howard County, Maryland	342	8.9	2.4	(4.1–13.6)
Montgomery County, Maryland	1,057	7.5	1.2	(5.1–9.8)
Prince George's County, Maryland	794	13.4	1.7	(10.0–16.7)
Queen Anne's County, Maryland	295	15.2	2.9	(9.5–20.8)
Washington County, Maryland	407	18.3	2.5	(13.4–23.2)

See footnotes on page 136.

**TABLE 36. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	532	24.3	2.8	(18.8–29.7)
Bristol County, Massachusetts	2,921	18.9	1.6	(15.7–22.0)
Essex County, Massachusetts	2,126	12.0	1.3	(9.4–14.5)
Hampden County, Massachusetts	1,588	19.5	2.3	(14.9–24.0)
Hampshire County, Massachusetts	275	15.4	3.2	(9.1–21.6)
Middlesex County, Massachusetts	3,006	10.5	1.0	(8.5–12.4)
Norfolk County, Massachusetts	857	11.5	1.6	(8.3–14.6)
Plymouth County, Massachusetts	680	14.0	1.8	(10.4–17.5)
Suffolk County, Massachusetts	1,751	19.0	2.3	(14.4–23.5)
Worcester County, Massachusetts	2,096	15.6	1.6	(12.4–18.7)
Kent County, Michigan	446	18.8	2.7	(13.5–24.0)
Macomb County, Michigan	516	15.8	2.0	(11.8–19.7)
Oakland County, Michigan	933	12.2	1.7	(8.8–15.5)
Wayne County, Michigan	1,905	20.2	1.5	(17.2–23.1)
Anoka County, Minnesota	396	21.0	3.2	(14.7–27.2)
Dakota County, Minnesota	568	12.4	2.1	(8.2–16.5)
Hennepin County, Minnesota	2,043	12.6	1.5	(9.6–15.5)
Ramsey County, Minnesota	918	14.0	2.7	(8.7–19.2)
Washington County, Minnesota	256	11.7	2.5	(6.8–16.6)
DeSoto County, Mississippi	369	24.7	3.8	(17.2–32.1)
Hinds County, Mississippi	340	20.1	3.1	(14.0–26.1)
Jackson County, Missouri	525	22.9	2.5	(18.0–27.8)
St. Louis County, Missouri	605	15.3	2.2	(10.9–19.6)
St. Louis city, Missouri	645	27.3	3.1	(21.2–33.3)
Flathead County, Montana	700	18.6	2.2	(14.2–22.9)
Lewis and Clark County, Montana	533	15.8	2.1	(11.6–19.9)
Yellowstone County, Montana	484	16.3	2.5	(11.4–21.2)
Adams County, Nebraska	479	15.1	2.3	(10.5–19.6)
Dakota County, Nebraska	737	18.2	1.9	(14.4–21.9)
Douglas County, Nebraska	949	17.8	1.8	(14.2–21.3)
Hall County, Nebraska	586	13.4	2.0	(9.4–17.3)
Lancaster County, Nebraska	843	17.8	2.3	(13.2–22.3)
Lincoln County, Nebraska	546	18.1	2.5	(13.2–23.0)
Madison County, Nebraska	469	15.1	3.0	(9.2–20.9)
Sarpy County, Nebraska	579	18.0	2.8	(12.5–23.4)
Scotts Bluff County, Nebraska	737	19.8	2.4	(15.0–24.5)
Seward County, Nebraska	284	11.2	2.4	(6.4–15.9)
Clark County, Nevada	1,266	22.1	1.6	(18.9–25.2)
Washoe County, Nevada	1,305	18.5	1.5	(15.5–21.4)
Grafton County, New Hampshire	517	19.3	2.8	(13.8–24.7)
Hillsborough County, New Hampshire	1,417	16.9	1.5	(13.9–19.8)
Merrimack County, New Hampshire	635	13.2	2.1	(9.0–17.3)
Rockingham County, New Hampshire	1,017	15.1	1.5	(12.1–18.0)
Strafford County, New Hampshire	587	20.1	2.4	(15.3–24.8)
Atlantic County, New Jersey	921	19.4	1.9	(15.6–23.1)
Bergen County, New Jersey	624	16.1	2.2	(11.7–20.4)
Burlington County, New Jersey	565	13.1	1.7	(9.7–16.4)
Camden County, New Jersey	604	23.6	2.6	(18.5–28.6)
Cape May County, New Jersey	521	20.6	2.5	(15.7–25.5)
Essex County, New Jersey	1,011	14.8	1.7	(11.4–18.1)
Gloucester County, New Jersey	525	18.5	2.5	(13.6–23.4)
Hudson County, New Jersey	1,096	14.0	1.3	(11.4–16.5)
Hunterdon County, New Jersey	511	10.9	1.7	(7.5–14.2)
Mercer County, New Jersey	502	11.5	1.8	(7.9–15.0)
Middlesex County, New Jersey	630	12.8	1.8	(9.2–16.3)
Monmouth County, New Jersey	561	11.2	1.8	(7.6–14.7)
Morris County, New Jersey	698	12.3	2.0	(8.3–16.2)
Ocean County, New Jersey	533	13.7	2.1	(9.5–17.8)
Passaic County, New Jersey	501	16.1	2.4	(11.3–20.8)
Somerset County, New Jersey	534	6.8	1.2	(4.4–9.1)
Sussex County, New Jersey	499	15.9	2.1	(11.7–20.0)
Union County, New Jersey	517	12.8	1.9	(9.0–16.5)
Warren County, New Jersey	480	16.6	2.2	(12.2–20.9)

See footnotes on page 136.

**TABLE 36. (Continued) Estimated prevalence of adults aged ≥18 years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,261	18.7	1.9	(14.9–22.4)
Dona Ana County, New Mexico	504	11.9	2.0	(7.9–15.8)
Sandoval County, New Mexico	521	13.0	2.2	(8.6–17.3)
San Juan County, New Mexico	684	20.4	2.3	(15.8–24.9)
Santa Fe County, New Mexico	607	19.8	2.5	(14.9–24.7)
Valencia County, New Mexico	347	29.8	3.6	(22.7–36.8)
Bronx County, New York	434	15.4	2.3	(10.8–19.9)
Erie County, New York	477	22.4	2.9	(16.7–28.0)
Kings County, New York	907	11.6	1.3	(9.0–14.1)
Monroe County, New York	380	12.2	2.2	(7.8–16.5)
Nassau County, New York	475	11.7	2.1	(7.5–15.8)
New York County, New York	1,031	12.7	1.6	(9.5–15.8)
Queens County, New York	798	13.0	1.7	(9.6–16.3)
Suffolk County, New York	592	15.9	2.1	(11.7–20.0)
Westchester County, New York	378	13.2	2.4	(8.4–17.9)
Buncombe County, North Carolina	263	14.7	3.0	(8.8–20.5)
Cabarrus County, North Carolina	305	16.6	2.8	(11.1–22.0)
Catawba County, North Carolina	293	17.3	3.2	(11.0–23.5)
Durham County, North Carolina	619	14.1	2.0	(10.1–18.0)
Gaston County, North Carolina	265	27.1	4.2	(18.8–35.3)
Guilford County, North Carolina	691	15.7	1.8	(12.1–19.2)
Johnston County, North Carolina	276	17.2	2.7	(11.9–22.4)
Mecklenburg County, North Carolina	607	11.7	1.7	(8.3–15.0)
Orange County, North Carolina	296	12.6	2.6	(7.5–17.6)
Randolph County, North Carolina	394	21.4	3.1	(15.3–27.4)
Union County, North Carolina	349	17.4	3.4	(10.7–24.0)
Wake County, North Carolina	711	15.3	2.3	(10.7–19.8)
Burleigh County, North Dakota	559	13.3	2.1	(9.1–17.4)
Cass County, North Dakota	776	15.3	2.0	(11.3–19.2)
Ward County, North Dakota	464	13.4	1.9	(9.6–17.1)
Cuyahoga County, Ohio	715	20.5	2.0	(16.5–24.4)
Franklin County, Ohio	679	18.3	1.9	(14.5–22.0)
Hamilton County, Ohio	723	21.7	2.6	(16.6–26.7)
Lucas County, Ohio	726	23.4	2.2	(19.0–27.7)
Mahoning County, Ohio	720	23.5	2.5	(18.6–28.4)
Montgomery County, Ohio	703	21.4	2.4	(16.6–26.1)
Stark County, Ohio	714	24.0	2.5	(19.1–28.9)
Summit County, Ohio	702	20.6	2.4	(15.8–25.3)
Cleveland County, Oklahoma	433	17.6	2.4	(12.8–22.3)
Oklahoma County, Oklahoma	1,438	23.7	1.6	(20.5–26.8)
Tulsa County, Oklahoma	1,517	23.6	1.5	(20.6–26.5)
Clackamas County, Oregon	449	15.8	2.4	(11.0–20.5)
Lane County, Oregon	510	19.5	2.8	(14.0–24.9)
Multnomah County, Oregon	815	10.9	1.7	(7.5–14.2)
Washington County, Oregon	583	12.3	2.2	(7.9–16.6)
Allegheny County, Pennsylvania	1,376	17.4	1.4	(14.6–20.1)
Lehigh County, Pennsylvania	282	14.7	2.4	(9.9–19.4)
Luzerne County, Pennsylvania	311	26.9	3.6	(19.8–33.9)
Montgomery County, Pennsylvania	341	16.8	3.1	(10.7–22.8)
Northampton County, Pennsylvania	257	17.9	4.2	(9.6–26.1)
Philadelphia County, Pennsylvania	1,397	20.7	1.6	(17.5–23.8)
Westmoreland County, Pennsylvania	339	18.4	2.7	(13.1–23.6)
Bristol County, Rhode Island	277	15.7	2.9	(10.0–21.3)
Kent County, Rhode Island	938	16.1	1.5	(13.1–19.0)
Newport County, Rhode Island	487	8.5	1.5	(5.5–11.4)
Providence County, Rhode Island	4,130	16.8	1.0	(14.8–18.7)
Washington County, Rhode Island	745	14.2	2.2	(9.8–18.5)
Aiken County, South Carolina	473	19.0	2.4	(14.2–23.7)
Beaufort County, South Carolina	680	18.3	2.3	(13.7–22.8)
Berkeley County, South Carolina	354	NA	NA	NA
Charleston County, South Carolina	670	12.9	2.2	(8.5–17.2)
Greenville County, South Carolina	494	15.4	2.8	(9.9–20.8)
Horry County, South Carolina	552	23.4	2.9	(17.7–29.0)

See footnotes on page 136.

**TABLE 36. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported ever smoking at least 100 cigarettes and who currently smoke,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	662	19.0	3.0	(13.1–24.8)
Minnehaha County, South Dakota	602	11.8	1.7	(8.4–15.1)
Pennington County, South Dakota	665	17.8	2.1	(13.6–21.9)
Davidson County, Tennessee	417	17.1	3.2	(10.8–23.3)
Hamilton County, Tennessee	386	13.4	2.4	(8.6–18.1)
Knox County, Tennessee	369	17.5	2.8	(12.0–22.9)
Shelby County, Tennessee	392	11.1	2.6	(6.0–16.1)
Sullivan County, Tennessee	461	20.9	2.8	(15.4–26.3)
Bexar County, Texas	968	17.5	1.9	(13.7–21.2)
Dallas County, Texas	392	15.8	2.7	(10.5–21.0)
El Paso County, Texas	865	14.4	1.5	(11.4–17.3)
Fort Bend County, Texas	923	10.6	1.6	(7.4–13.7)
Harris County, Texas	1,454	16.0	1.5	(13.0–18.9)
Hidalgo County, Texas	593	12.6	2.2	(8.2–16.9)
Lubbock County, Texas	757	22.9	2.7	(17.6–28.1)
Midland County, Texas	522	18.4	2.4	(13.6–23.1)
Potter County, Texas	337	24.1	3.2	(17.8–30.3)
Randall County, Texas	461	16.7	2.9	(11.0–22.3)
Smith County, Texas	665	21.9	3.3	(15.4–28.3)
Tarrant County, Texas	602	14.5	2.3	(9.9–19.0)
Travis County, Texas	757	9.9	3.1	(3.8–15.9)
Val Verde County, Texas	556	10.6	1.8	(7.0–14.1)
Webb County, Texas	914	15.8	1.6	(12.6–18.9)
Wichita County, Texas	676	19.8	2.5	(14.9–24.7)
Davis County, Utah	875	6.1	1.1	(3.9–8.2)
Salt Lake County, Utah	3,279	10.6	0.8	(9.0–12.1)
Summit County, Utah	451	6.9	1.6	(3.7–10.0)
Tooele County, Utah	566	15.6	3.1	(9.5–21.6)
Utah County, Utah	1,113	5.9	1.2	(3.5–8.2)
Weber County, Utah	773	10.7	1.5	(7.7–13.6)
Chittenden County, Vermont	1,423	11.8	1.3	(9.2–14.3)
Franklin County, Vermont	486	20.9	2.3	(16.3–25.4)
Orange County, Vermont	356	18.3	2.7	(13.0–23.5)
Rutland County, Vermont	652	19.0	2.3	(14.4–23.5)
Washington County, Vermont	668	14.3	1.8	(10.7–17.8)
Windsor County, Vermont	676	13.5	1.7	(10.1–16.8)
Benton County, Washington	388	10.2	2.0	(6.2–14.1)
Clark County, Washington	1,090	17.7	2.0	(13.7–21.6)
Franklin County, Washington	253	8.5	2.9	(2.8–14.1)
King County, Washington	3,021	12.2	0.9	(10.4–13.9)
Kitsap County, Washington	914	17.0	1.8	(13.4–20.5)
Pierce County, Washington	1,715	16.9	1.3	(14.3–19.4)
Snohomish County, Washington	1,647	14.0	1.2	(11.6–16.3)
Spokane County, Washington	1,213	16.6	1.7	(13.2–19.9)
Thurston County, Washington	775	18.6	2.1	(14.4–22.7)
Yakima County, Washington	739	14.9	1.9	(11.1–18.6)
Kanawha County, West Virginia	490	25.7	3.0	(19.8–31.5)
Milwaukee County, Wisconsin	1,216	22.3	2.5	(17.4–27.2)
Laramie County, Wyoming	907	22.3	1.9	(18.5–26.0)
Natrona County, Wyoming	767	25.6	2.4	(20.8–30.3)
Median		16.1		
Range		5.9–29.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Smoked everyday or someday during the period of survey.

† Estimate not available (NA) if the unweighted sample size for the denominator was  $< 50$  or if the confidence interval half width is  $> 10$ .



**TABLE 37. Estimated prevalence of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,523	10.1	0.6	(8.9–11.3)
Alaska	1,911	20.6	1.6	(17.4–23.7)
Arizona	5,664	14.0	0.9	(12.2–15.9)
Arkansas	3,972	9.7	0.8	(8.1–11.4)
California	16,787	15.8	0.5	(14.9–16.7)
Colorado	11,027	15.4	0.6	(14.2–16.6)
Connecticut	6,662	17.4	0.9	(15.7–19.2)
Delaware	4,200	18.8	1.1	(16.6–21.0)
District of Columbia	3,896	15.4	0.8	(13.8–17.0)
Florida	34,305	13.7	0.5	(12.7–14.7)
Georgia	5,592	12.4	0.7	(11.0–13.9)
Hawaii	6,466	17.9	0.8	(16.3–19.4)
Idaho	6,883	13.2	0.7	(11.8–14.6)
Illinois	5,153	17.8	0.8	(16.2–19.4)
Indiana	10,029	13.5	0.6	(12.4–14.7)
Iowa	6,012	16.9	0.8	(15.4–18.5)
Kansas	8,442	15.1	0.6	(13.8–16.3)
Kentucky	7,876	11.9	0.7	(10.5–13.4)
Louisiana	6,903	15.0	0.7	(13.6–16.3)
Maine	8,008	14.5	0.6	(13.3–15.6)
Maryland	8,937	14.6	0.7	(13.2–15.9)
Massachusetts	15,341	17.8	0.5	(16.7–18.8)
Michigan	8,762	15.0	0.6	(13.9–16.2)
Minnesota	8,684	17.2	0.8	(15.6–18.8)
Mississippi	7,984	9.9	0.7	(8.6–11.2)
Missouri	5,336	15.6	1.0	(13.7–17.5)
Montana	7,169	17.0	0.8	(15.4–18.6)
Nebraska	16,184	19.4	0.8	(17.9–21.0)
Nevada	3,831	17.2	1.2	(14.9–19.5)
New Hampshire	5,941	15.1	0.7	(13.7–16.5)
New Jersey	11,774	13.8	0.5	(12.8–14.8)
New Mexico	6,897	11.1	0.7	(9.7–12.4)
New York	8,744	15.5	0.6	(14.3–16.6)
North Carolina	11,945	11.0	0.5	(10.0–12.0)
North Dakota	4,690	18.7	0.9	(17.0–20.5)
Ohio	9,605	17.2	0.7	(15.8–18.7)
Oklahoma	7,651	13.0	0.6	(11.8–14.3)
Oregon	4,884	14.3	0.9	(12.6–16.0)
Pennsylvania	11,023	15.2	0.5	(14.1–16.2)
Rhode Island	6,510	16.2	0.8	(14.6–17.7)
South Carolina	9,246	12.3	0.8	(10.7–13.8)
South Dakota	6,603	17.7	0.8	(16.1–19.4)
Tennessee	5,581	6.6	0.7	(5.2–7.9)
Texas	17,723	14.7	0.6	(13.4–15.9)
Utah	10,075	8.7	0.5	(7.8–9.6)
Vermont	6,684	17.1	0.7	(15.6–18.5)
Virginia	5,178	16.9	1.5	(13.9–19.8)
Washington	19,234	15.4	0.5	(14.5–16.3)
West Virginia	4,367	9.0	0.7	(7.6–10.4)
Wisconsin	4,587	21.6	1.1	(19.5–23.7)
Wyoming	5,742	14.6	0.7	(13.2–16.0)
Guam	771	17.7	1.9	(14.1–21.4)
Puerto Rico	3,488	12.1	0.9	(10.4–13.9)
Virgin Islands	1,784	13.0	1.2	(10.7–15.3)
Median		15.1		
Range		6.6–21.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For males: having at least five drinks on at least one occasion, for females: having at least four drinks on at least one occasion.

**TABLE 38. Estimated prevalence of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	796	20.4	3.0	(14.5–26.2)
Albuquerque, New Mexico	2,164	10.0	1.2	(7.6–12.3)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,051	13.7	1.7	(10.3–17.0)
Amarillo, Texas	820	14.7	2.3	(10.1–19.2)
Arcadia, Florida	487	11.5	2.9	(5.8–17.1)
Asheville, North Carolina	540	11.2	2.3	(6.6–15.7)
Atlanta-Sandy Springs-Marietta, Georgia	2,256	12.4	1.2	(10.0–14.7)
Atlantic City, New Jersey	876	15.1	1.8	(11.5–18.6)
Augusta-Richmond County, Georgia-South Carolina	853	12.3	1.8	(8.7–15.8)
Augusta-Waterville, Maine	644	15.8	2.4	(11.0–20.5)
Austin-Round Rock, Texas	950	18.4	3.0	(12.5–24.2)
Baltimore-Towson, Maryland	3,246	16.3	1.1	(14.1–18.4)
Bangor, Maine	684	14.6	1.9	(10.8–18.3)
Barre, Vermont	659	18.3	2.1	(14.1–22.4)
Baton Rouge, Louisiana	1,181	15.5	1.6	(12.3–18.6)
Bethesda-Gaithersburg-Frederick, Maryland†	1,601	14.0	1.3	(11.4–16.5)
Billings, Montana	527	14.8	2.4	(10.0–19.5)
Birmingham-Hoover, Alabama	1,178	12.9	1.6	(9.7–16.0)
Bismarck, North Dakota	757	18.1	1.9	(14.3–21.8)
Boise City-Nampa, Idaho	1,632	12.4	1.3	(9.8–14.9)
Boston-Quincy, Massachusetts†	3,127	20.1	1.3	(17.5–22.6)
Bremerton-Silverdale, Washington	900	14.7	1.7	(11.3–18.0)
Bridgeport-Stamford-Norwalk, Connecticut	2,151	20.5	1.9	(16.7–24.2)
Buffalo-Cheektowaga-Tonawanda, New York	597	19.4	2.6	(14.3–24.4)
Burlington-South Burlington, Vermont	1,974	19.4	1.5	(16.4–22.3)
Cambridge-Newton-Framingham, Massachusetts†	2,861	15.3	1.3	(12.7–17.8)
Camden, New Jersey*	1,615	16.5	1.3	(13.9–19.0)
Canton-Massillon, Ohio	725	16.0	2.2	(11.6–20.3)
Cape Coral-Fort Myers, Florida	500	19.1	4.3	(10.6–27.5)
Casper, Wyoming	756	16.5	2.3	(11.9–21.0)
Cedar Rapids, Iowa	551	15.1	2.1	(10.9–19.2)
Charleston, West Virginia	765	8.3	1.8	(4.7–11.8)
Charleston-North Charleston, South Carolina	1,127	17.3	2.4	(12.5–22.0)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,677	11.0	1.2	(8.6–13.3)
Chattanooga, Tennessee-Georgia	520	9.1	3.5	(2.2–15.9)
Cheyenne, Wyoming	902	12.6	1.6	(9.4–15.7)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	4,947	17.2	0.9	(15.4–18.9)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,755	18.2	1.9	(14.4–21.9)
Cleveland-Elyria-Mentor, Ohio	1,060	18.2	2.1	(14.0–22.3)
Coeur d'Alene, Idaho	558	14.3	2.5	(9.4–19.2)
Colorado Springs, Colorado	1,104	14.0	1.7	(10.6–17.3)
Columbia, South Carolina	1,121	14.4	2.1	(10.2–18.5)
Columbus, Ohio	1,357	16.8	1.7	(13.4–20.1)
Concord, New Hampshire	631	14.7	2.3	(10.1–19.2)
Dallas-Plano-Irving, Texas†	708	13.2	1.8	(9.6–16.7)
Dayton, Ohio	833	15.2	2.4	(10.4–19.9)
Del Rio, Texas	548	8.6	1.7	(5.2–11.9)
Deltona-Daytona Beach-Ormond Beach, Florida	843	12.5	2.0	(8.5–16.4)
Denver-Aurora, Colorado	4,583	16.8	0.9	(15.0–18.5)
Des Moines-West Des Moines, Iowa	997	18.1	1.7	(14.7–21.4)
Detroit-Livonia-Dearborn, Michigan†	1,889	13.8	1.3	(11.2–16.3)
Dover, Delaware	1,240	13.9	1.7	(10.5–17.2)
Durham, North Carolina	1,022	14.7	1.8	(11.1–18.2)
Edison, New Jersey†	2,153	12.1	1.0	(10.1–14.0)
El Paso, Texas	856	14.3	1.8	(10.7–17.8)
Eugene-Springfield, Oregon	501	13.0	2.5	(8.1–17.9)
Evansville, Indiana-Kentucky	529	13.0	2.3	(8.4–17.5)
Fargo, North Dakota-Minnesota	821	16.6	2.4	(11.8–21.3)
Farmington, New Mexico	675	10.8	2.1	(6.6–14.9)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	691	12.9	2.4	(8.1–17.6)
Fort Collins-Loveland, Colorado	532	14.0	2.7	(8.7–19.2)
Fort Wayne, Indiana	706	12.7	1.7	(9.3–16.0)
Fort Worth-Arlington, Texas†	726	13.8	2.3	(9.2–18.3)

See footnotes on page 141.

**TABLE 38. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	932	14.4	2.9	(8.7–20.0)
Grand Island, Nebraska	848	19.4	2.2	(15.0–23.7)
Grand Rapids-Wyoming, Michigan	617	14.9	2.4	(10.1–19.6)
Greensboro-High Point, North Carolina	1,150	15.3	2.4	(10.5–20.0)
Greenville, South Carolina	775	9.9	2.0	(5.9–13.8)
Hagerstown-Martinsburg, Maryland-West Virginia	634	14.2	2.6	(9.1–19.2)
Hartford-West Hartford-East Hartford, Connecticut	1,990	16.5	1.5	(13.5–19.4)
Hastings, Nebraska	578	13.6	2.4	(8.8–18.3)
Helena, Montana	625	17.3	2.4	(12.5–22.0)
Hickory-Morganton-Lenoir, North Carolina	599	6.9	1.5	(3.9–9.8)
Hilo, Hawaii	1,459	17.9	1.6	(14.7–21.0)
Hilton Head Island-Beaufort, South Carolina	782	12.4	1.8	(8.8–15.9)
Homosassa Springs, Florida	520	10.9	2.4	(6.1–15.6)
Honolulu, Hawaii	2,927	17.4	1.0	(15.4–19.3)
Houston-Sugar Land-Baytown, Texas	2,683	15.4	1.4	(12.6–18.1)
Huntington-Ashland, West Virginia-Kentucky-Ohio	649	14.3	2.5	(9.4–19.2)
Idaho Falls, Idaho	662	8.7	1.6	(5.5–11.8)
Indianapolis-Carmel, Indiana	2,209	14.5	1.2	(12.1–16.8)
Jackson, Mississippi	751	10.4	2.1	(6.2–14.5)
Jacksonville, Florida	2,551	15.9	1.5	(12.9–18.8)
Kahului-Wailuku, Hawaii	1,445	19.4	1.7	(16.0–22.7)
Kalispell, Montana	690	16.6	2.2	(12.2–20.9)
Kansas City, Missouri-Kansas	3,331	15.7	1.1	(13.5–17.8)
Kapaa, Hawaii	635	23.0	2.7	(17.7–28.2)
Kennewick-Richland-Pasco, Washington	633	11.1	1.9	(7.3–14.8)
Key West-Marathon, Florida	486	23.0	2.7	(17.7–28.2)
Kingsport-Bristol, Tennessee-Virginia	632	6.1	2.7	(0.8–11.3)
Knoxville, Tennessee	510	3.6	1.7	(0.2–6.9)
Lake City, Florida	556	15.2	2.5	(10.3–20.1)
Lakeland-Winter Haven, Florida	505	12.8	2.4	(8.0–17.5)
Laredo, Texas	900	15.8	1.8	(12.2–19.3)
Las Cruces, New Mexico	497	8.4	1.8	(4.8–11.9)
Las Vegas-Paradise, Nevada	1,244	17.5	1.6	(14.3–20.6)
Lebanon, New Hampshire-Vermont	1,523	18.0	1.6	(14.8–21.1)
Lewiston, Idaho-Washington	591	14.0	2.2	(9.6–18.3)
Lewiston-Auburn, Maine	496	11.0	1.9	(7.2–14.7)
Lincoln, Nebraska	1,126	22.7	2.4	(17.9–27.4)
Little Rock-North Little Rock, Arkansas	814	10.8	1.8	(7.2–14.3)
Los Angeles-Long Beach-Glendale, California†	2,435	15.4	1.1	(13.2–17.5)
Louisville, Kentucky-Indiana	883	16.3	2.0	(12.3–20.2)
Lubbock, Texas	773	14.4	2.3	(9.8–18.9)
Manchester-Nashua, New Hampshire	1,397	14.3	1.5	(11.3–17.2)
McAllen-Edinburg-Mission, Texas	591	13.4	2.2	(9.0–17.7)
Memphis, Tennessee-Mississippi-Arkansas	1,129	10.3	2.3	(5.7–14.8)
Miami-Fort Lauderdale-Miami Beach, Florida	1,006	13.3	1.9	(9.5–17.0)
Midland, Texas	507	15.3	2.5	(10.4–20.2)
Milwaukee-Waukesha-West Allis, Wisconsin	1,467	18.9	2.0	(14.9–22.8)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,708	18.1	1.2	(15.7–20.4)
Minot, North Dakota	548	18.4	2.3	(13.8–22.9)
Mobile, Alabama	663	10.9	2.1	(6.7–15.0)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	544	17.2	3.0	(11.3–23.0)
Naples-Marco Island, Florida	505	15.6	2.8	(10.1–21.0)
Nashville-Davidson-Murfreesboro, Tennessee	799	7.9	2.0	(3.9–11.8)
Nassau-Suffolk, New York*	1,048	15.1	1.6	(11.9–18.2)
Newark-Union, New Jersey-Pennsylvania†	3,149	12.6	0.9	(10.8–14.3)
New Haven-Milford, Connecticut	1,643	16.5	1.9	(12.7–20.2)
New Orleans-Metairie-Kenner, Louisiana	1,504	16.8	1.7	(13.4–20.1)
New York-White Plains-Wayne, New York-New Jersey†	5,968	14.5	0.7	(13.1–15.8)
Norfolk, Nebraska	663	20.2	2.4	(15.4–24.9)
North Platte, Nebraska	569	17.6	2.6	(12.5–22.6)
North Port-Bradenton-Sarasota, Florida	1,103	14.6	1.7	(11.2–17.9)
Ocala, Florida	575	11.2	1.9	(7.4–14.9)
Ocean City, New Jersey	486	15.7	2.2	(11.3–20.0)

See footnotes on page 141.

**TABLE 38. (Continued) Estimated prevalence of adults aged ≥18 years who reported binge drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,686	8.3	1.0	(6.3–10.2)
Oklahoma City, Oklahoma	2,447	13.3	1.1	(11.1–15.4)
Olympia, Washington	766	13.5	1.8	(9.9–17.0)
Omaha-Council Bluffs, Nebraska-Iowa	2,330	19.5	1.3	(16.9–22.0)
Orlando-Kissimmee, Florida	2,610	13.8	1.3	(11.2–16.3)
Palm Bay-Melbourne-Titusville, Florida	511	12.8	2.1	(8.6–16.9)
Panama City-Lynn Haven, Florida	537	13.3	2.3	(8.7–17.8)
Peabody, Massachusetts	2,003	16.7	1.7	(13.3–20.0)
Pensacola-Ferry Pass-Brent, Florida	995	15.2	2.0	(11.2–19.1)
Philadelphia, Pennsylvania†	2,322	14.7	1.3	(12.1–17.2)
Phoenix-Mesa-Scottsdale, Arizona	1,654	15.9	1.6	(12.7–19.0)
Pittsburgh, Pennsylvania	2,378	17.8	1.3	(15.2–20.3)
Portland-South Portland-Biddeford, Maine	2,577	15.8	1.1	(13.6–17.9)
Portland-Vancouver-Beaverton, Oregon-Washington	3,300	14.7	1.1	(12.5–16.8)
Port St. Lucie-Fort Pierce, Florida	1,001	13.4	1.9	(9.6–17.1)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,229	17.6	0.8	(16.0–19.1)
Provo-Orem, Utah	1,168	3.8	0.8	(2.2–5.3)
Raleigh-Cary, North Carolina	1,006	12.0	1.5	(9.0–14.9)
Rapid City, South Dakota	831	12.7	1.6	(9.5–15.8)
Reno-Sparks, Nevada	1,308	18.1	1.6	(14.9–21.2)
Richmond, Virginia	773	17.5	2.9	(11.8–23.1)
Riverside-San Bernardino-Ontario, California	1,778	17.2	1.4	(14.4–19.9)
Rochester, New York	559	13.0	2.2	(8.6–17.3)
Rockingham County-Strafford County, New Hampshire†	1,579	16.4	1.5	(13.4–19.3)
Rutland, Vermont	647	14.7	2.1	(10.5–18.8)
Sacramento-Arden-Arcade-Roseville, California	1,223	14.3	1.6	(11.1–17.4)
St. Louis, Missouri-Illinois	1,719	18.0	1.7	(14.6–21.3)
Salt Lake City, Utah	4,263	11.4	0.7	(10.0–12.7)
San Antonio, Texas	1,111	19.4	2.1	(15.2–23.5)
San Diego-Carlsbad-San Marcos, California	1,607	17.7	1.4	(14.9–20.4)
San Francisco-Oakland-Fremont, California	2,226	14.0	1.0	(12.0–15.9)
San Jose-Sunnyvale-Santa Clara, California	868	11.0	1.5	(8.0–13.9)
Santa Ana-Anaheim-Irvine, California*	1,360	14.9	1.4	(12.1–17.6)
Santa Fe, New Mexico	600	13.8	2.1	(9.6–17.9)
Scottsbluff, Nebraska	754	11.9	2.3	(7.3–16.4)
Scranton-Wilkes-Barre, Pennsylvania	544	21.4	2.6	(16.3–26.4)
Seaford, Delaware	1,229	16.8	1.8	(13.2–20.3)
Seattle-Bellevue-Everett, Washington†	4,610	16.9	0.9	(15.1–18.6)
Sebring, Florida	511	11.5	2.4	(6.7–16.2)
Shreveport-Bossier City, Louisiana	670	14.5	2.1	(10.3–18.6)
Sioux City, Iowa-Nebraska-South Dakota	1,202	18.1	2.5	(13.2–23.0)
Sioux Falls, South Dakota	828	19.0	2.1	(14.8–23.1)
Spokane, Washington	1,196	14.9	1.5	(11.9–17.8)
Springfield, Massachusetts	1,932	19.5	2.2	(15.1–23.8)
Tacoma, Washington†	1,674	14.2	1.1	(12.0–16.3)
Tallahassee, Florida	2,001	13.7	2.1	(9.5–17.8)
Tampa-St. Petersburg-Clearwater, Florida	1,994	16.1	1.7	(12.7–19.4)
Toledo, Ohio	839	17.1	2.2	(12.7–21.4)
Topeka, Kansas	819	16.5	2.0	(12.5–20.4)
Trenton-Ewing, New Jersey	484	14.1	2.4	(9.3–18.8)
Tucson, Arizona	690	16.8	2.8	(11.3–22.2)
Tulsa, Oklahoma	2,110	14.4	1.3	(11.8–16.9)
Tuscaloosa, Alabama	510	13.4	2.9	(7.7–19.0)
Twin Falls, Idaho	535	11.1	2.3	(6.5–15.6)
Tyler, Texas	662	10.4	2.2	(6.0–14.7)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,060	19.9	2.5	(15.0–24.8)
Warren-Troy-Farmington Hills, Michigan†	1,784	15.6	1.3	(13.0–18.1)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,285	14.5	1.7	(11.1–17.8)
Wauchula, Florida	520	11.0	3.1	(4.9–17.0)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	543	11.6	2.2	(7.2–15.9)
Wichita, Kansas	1,826	15.5	1.4	(12.7–18.2)
Wichita Falls, Texas	818	12.1	2.1	(7.9–16.2)
Wilmington, Delaware-Maryland-New Jersey†	2,187	19.2	1.3	(16.6–21.7)

See footnotes on page 141.

**TABLE 38. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	1,987	21.2	1.9	(17.4–24.9)
Yakima, Washington	724	13.5	1.9	(9.7–17.2)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,030	16.5	2.8	(11.0–21.9)
Median		14.7		
Range		3.6–23.0		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For males: having at least five drinks on at least one occasion, for females: having at least four drinks on at least one occasion.

† Metropolitan division.

**TABLE 39. Estimated prevalence of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	587	13.2	2.2	(8.8–17.5)
Mobile County, Alabama	663	10.9	2.1	(6.7–15.0)
Tuscaloosa County, Alabama	428	14.8	3.2	(8.5–21.0)
Maricopa County, Arizona	1,276	16.0	1.7	(12.6–19.3)
Pima County, Arizona	690	16.8	2.8	(11.3–22.2)
Pinal County, Arizona	378	14.5	3.0	(8.6–20.3)
Benton County, Arkansas	357	12.3	2.7	(7.0–17.5)
Pulaski County, Arkansas	553	10.8	2.3	(6.2–15.3)
Washington County, Arkansas	293	14.2	3.6	(7.1–21.2)
Alameda County, California	714	14.4	1.7	(11.0–17.7)
Contra Costa County, California	607	11.7	1.9	(7.9–15.4)
Los Angeles County, California	2,435	15.4	1.1	(13.2–17.5)
Orange County, California	1,360	14.9	1.4	(12.1–17.6)
Placer County, California	240	15.8	3.2	(9.5–22.0)
Riverside County, California	885	15.5	1.9	(11.7–19.2)
Sacramento County, California	706	13.9	1.8	(10.3–17.4)
San Bernardino County, California	893	17.9	2.0	(13.9–21.8)
San Diego County, California	1,607	17.7	1.4	(14.9–20.4)
San Francisco County, California	359	14.2	2.5	(9.3–19.1)
San Mateo County, California	354	12.5	2.5	(7.6–17.4)
Santa Clara County, California	833	10.9	1.5	(7.9–13.8)
Adams County, Colorado	770	16.0	1.9	(12.2–19.7)
Arapahoe County, Colorado	828	16.3	1.9	(12.5–20.0)
Denver County, Colorado	836	19.6	2.1	(15.4–23.7)
Douglas County, Colorado	542	19.5	2.5	(14.6–24.4)
El Paso County, Colorado	979	14.4	1.8	(10.8–17.9)
Jefferson County, Colorado	1,102	14.2	1.7	(10.8–17.5)
Larimer County, Colorado	532	14.0	2.7	(8.7–19.2)
Fairfield County, Connecticut	2,151	20.5	1.9	(16.7–24.2)
Hartford County, Connecticut	1,475	16.8	1.6	(13.6–19.9)
Middlesex County, Connecticut	263	14.1	3.4	(7.4–20.7)
New Haven County, Connecticut	1,643	16.5	1.9	(12.7–20.2)
Tolland County, Connecticut	252	12.9	2.9	(7.2–18.5)
Kent County, Delaware	1,240	13.9	1.7	(10.5–17.2)
New Castle County, Delaware	1,731	21.0	1.6	(17.8–24.1)
Sussex County, Delaware	1,229	16.8	1.8	(13.2–20.3)
District of Columbia, District of Columbia	3,896	17.3	1.0	(15.3–19.2)
Alachua County, Florida	522	14.0	2.8	(8.5–19.4)
Baker County, Florida	504	15.7	3.1	(9.6–21.7)
Bay County, Florida	537	13.3	2.3	(8.7–17.8)
Brevard County, Florida	511	12.8	2.1	(8.6–16.9)
Broward County, Florida	514	15.5	2.6	(10.4–20.5)
Citrus County, Florida	520	10.9	2.4	(6.1–15.6)
Clay County, Florida	476	17.1	2.5	(12.2–22.0)
Collier County, Florida	505	15.6	2.8	(10.1–21.0)
Columbia County, Florida	556	15.2	2.5	(10.3–20.1)
DeSoto County, Florida	487	11.5	2.9	(5.8–17.1)
Duval County, Florida	543	16.2	2.3	(11.6–20.7)
Escambia County, Florida	510	14.8	2.8	(9.3–20.2)
Gadsden County, Florida	502	11.3	2.2	(6.9–15.6)
Gilchrist County, Florida	410	NA†	NA	NA
Hardee County, Florida	520	11.0	3.1	(4.9–17.0)
Hernando County, Florida	480	14.1	2.8	(8.6–19.5)
Highlands County, Florida	511	11.5	2.4	(6.7–16.2)
Hillsborough County, Florida	490	15.5	2.7	(10.2–20.7)
Jefferson County, Florida	490	13.0	2.9	(7.3–18.6)
Lake County, Florida	592	14.2	2.1	(10.0–18.3)
Lee County, Florida	500	19.1	4.3	(10.6–27.5)
Leon County, Florida	488	15.3	2.8	(9.8–20.7)
Manatee County, Florida	511	16.2	2.5	(11.3–21.1)
Marion County, Florida	575	11.2	1.9	(7.4–14.9)
Martin County, Florida	507	15.7	2.5	(10.8–20.6)
Miami-Dade County, Florida	492	11.6	2.7	(6.3–16.8)

See footnotes on page 146..



**TABLE 39. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	486	23.0	2.7	(17.7–28.2)
Nassau County, Florida	512	10.9	2.0	(6.9–14.8)
Orange County, Florida	984	13.0	1.8	(9.4–16.5)
Osceola County, Florida	560	9.5	2.0	(5.5–13.4)
Palm Beach County, Florida	543	11.6	2.2	(7.2–15.9)
Pasco County, Florida	533	18.6	3.3	(12.1–25.0)
Pinellas County, Florida	491	16.9	3.0	(11.0–22.7)
Polk County, Florida	505	12.8	2.4	(8.0–17.5)
St. Johns County, Florida	516	20.1	2.7	(14.8–25.3)
St. Lucie County, Florida	494	11.4	2.2	(7.0–15.7)
Santa Rosa County, Florida	485	15.1	2.4	(10.3–19.8)
Sarasota County, Florida	592	13.9	2.3	(9.3–18.4)
Seminole County, Florida	474	15.8	2.4	(11.0–20.5)
Volusia County, Florida	843	12.5	2.0	(8.5–16.4)
Wakulla County, Florida	521	16.1	2.7	(10.8–21.3)
Cobb County, Georgia	243	9.6	2.5	(4.7–14.5)
DeKalb County, Georgia	332	12.7	2.9	(7.0–18.3)
Fulton County, Georgia	318	17.7	3.3	(11.2–24.1)
Gwinnett County, Georgia	244	10.9	2.4	(6.1–15.6)
Hawaii County, Hawaii	1,459	17.9	1.6	(14.7–21.0)
Honolulu County, Hawaii	2,927	17.4	1.0	(15.4–19.3)
Kauai County, Hawaii	635	23.0	2.7	(17.7–28.2)
Maui County, Hawaii	1,445	19.4	1.7	(16.0–22.7)
Ada County, Idaho	847	13.2	1.9	(9.4–16.9)
Bonneville County, Idaho	520	8.5	1.7	(5.1–11.8)
Canyon County, Idaho	609	10.5	1.6	(7.3–13.6)
Kootenai County, Idaho	558	14.3	2.5	(9.4–19.2)
Nez Perce County, Idaho	375	13.4	2.6	(8.3–18.4)
Twin Falls County, Idaho	431	8.1	1.9	(4.3–11.8)
Cook County, Illinois	2,853	18.8	1.1	(16.6–20.9)
DuPage County, Illinois	254	14.2	3.1	(8.1–20.2)
Allen County, Indiana	573	12.1	1.8	(8.5–15.6)
Lake County, Indiana	979	16.2	2.8	(10.7–21.6)
Marion County, Indiana	1,431	15.5	1.7	(12.1–18.8)
Linn County, Iowa	488	16.2	2.3	(11.6–20.7)
Polk County, Iowa	760	19.3	2.1	(15.1–23.4)
Johnson County, Kansas	1,398	18.4	1.5	(15.4–21.3)
Sedgwick County, Kansas	1,415	16.1	1.6	(12.9–19.2)
Shawnee County, Kansas	615	15.9	2.4	(11.1–20.6)
Wyandotte County, Kansas	600	15.7	2.8	(10.2–21.1)
Jefferson County, Kentucky	395	15.1	2.6	(10.0–20.1)
Caddo Parish, Louisiana	443	14.9	2.5	(10.0–19.8)
East Baton Rouge Parish, Louisiana	712	14.4	2.0	(10.4–18.3)
Jefferson Parish, Louisiana	582	14.1	2.0	(10.1–18.0)
Orleans Parish, Louisiana	371	14.5	2.7	(9.2–19.7)
St. Tammany Parish, Louisiana	361	21.8	3.7	(14.5–29.0)
Androscoggin County, Maine	496	11.0	1.9	(7.2–14.7)
Cumberland County, Maine	1,366	15.5	1.5	(12.5–18.4)
Kennebec County, Maine	644	15.8	2.4	(11.0–20.5)
Penobscot County, Maine	684	14.6	1.9	(10.8–18.3)
Sagadahoc County, Maine	293	13.9	2.4	(9.1–18.6)
York County, Maine	918	16.4	1.8	(12.8–19.9)
Anne Arundel County, Maryland	593	19.8	2.5	(14.9–24.7)
Baltimore County, Maryland	1,020	13.2	1.7	(9.8–16.5)
Cecil County, Maryland	268	16.8	3.2	(10.5–23.0)
Charles County, Maryland	345	12.0	2.1	(7.8–16.1)
Frederick County, Maryland	566	17.0	2.2	(12.6–21.3)
Harford County, Maryland	274	16.9	3.0	(11.0–22.7)
Howard County, Maryland	334	14.9	2.8	(9.4–20.3)
Montgomery County, Maryland	1,035	13.3	1.5	(10.3–16.2)
Prince George's County, Maryland	770	8.0	1.2	(5.6–10.3)
Queen Anne's County, Maryland	287	21.5	3.1	(15.4–27.5)
Washington County, Maryland	397	13.3	2.6	(8.2–18.3)

See footnotes on page 146.

**TABLE 39. (Continued) Estimated prevalence of adults aged ≥18 years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	510	14.5	2.6	(9.4–19.5)
Bristol County, Massachusetts	2,719	21.3	2.2	(16.9–25.6)
Essex County, Massachusetts	2,003	16.7	1.7	(13.3–20.0)
Hampden County, Massachusetts	1,498	21.0	2.8	(15.5–26.4)
Hampshire County, Massachusetts	260	20.8	4.4	(12.1–29.4)
Middlesex County, Massachusetts	2,861	15.2	1.3	(12.6–17.7)
Norfolk County, Massachusetts	813	17.6	2.0	(13.6–21.5)
Plymouth County, Massachusetts	653	21.5	2.7	(16.2–26.7)
Suffolk County, Massachusetts	1,661	24.0	2.6	(18.9–29.0)
Worcester County, Massachusetts	1,987	21.2	1.9	(17.4–24.9)
Kent County, Michigan	440	15.8	2.8	(10.3–21.2)
Macomb County, Michigan	511	13.1	1.9	(9.3–16.8)
Oakland County, Michigan	926	16.6	1.9	(12.8–20.3)
Wayne County, Michigan	1,889	13.8	1.3	(11.2–16.3)
Anoka County, Minnesota	382	16.0	3.1	(9.9–22.0)
Dakota County, Minnesota	559	14.6	2.2	(10.2–18.9)
Hennepin County, Minnesota	1,981	16.7	1.9	(12.9–20.4)
Ramsey County, Minnesota	889	12.2	2.6	(7.1–17.2)
Washington County, Minnesota	248	22.5	4.0	(14.6–30.3)
DeSoto County, Mississippi	364	10.2	2.5	(5.3–15.1)
Hinds County, Mississippi	333	10.2	3.1	(4.1–16.2)
Jackson County, Missouri	515	10.6	1.8	(7.0–14.1)
St. Louis County, Missouri	588	18.2	2.9	(12.5–23.8)
St. Louis city, Missouri	634	15.5	2.1	(11.3–19.6)
Flathead County, Montana	690	16.6	2.2	(12.2–20.9)
Lewis and Clark County, Montana	519	18.1	2.6	(13.0–23.1)
Yellowstone County, Montana	478	15.5	2.5	(10.6–20.4)
Adams County, Nebraska	471	15.7	2.8	(10.2–21.1)
Dakota County, Nebraska	730	16.4	2.0	(12.4–20.3)
Douglas County, Nebraska	939	18.0	1.8	(14.4–21.5)
Hall County, Nebraska	578	20.1	2.8	(14.6–25.5)
Lancaster County, Nebraska	841	23.1	2.6	(18.0–28.1)
Lincoln County, Nebraska	537	16.1	2.6	(11.0–21.1)
Madison County, Nebraska	458	17.3	2.7	(12.0–22.5)
Sarpy County, Nebraska	573	22.4	3.0	(16.5–28.2)
Scotts Bluff County, Nebraska	731	11.9	2.2	(7.5–16.2)
Seward County, Nebraska	285	17.0	3.0	(11.1–22.8)
Clark County, Nevada	1,244	17.5	1.6	(14.3–20.6)
Washoe County, Nevada	1,288	18.0	1.6	(14.8–21.1)
Grafton County, New Hampshire	506	17.6	2.7	(12.3–22.8)
Hillsborough County, New Hampshire	1,397	14.3	1.5	(11.3–17.2)
Merrimack County, New Hampshire	631	14.7	2.3	(10.1–19.2)
Rockingham County, New Hampshire	999	16.0	1.7	(12.6–19.3)
Strafford County, New Hampshire	580	16.5	2.5	(11.6–21.4)
Atlantic County, New Jersey	876	15.1	1.8	(11.5–18.6)
Bergen County, New Jersey	587	17.7	2.3	(13.1–22.2)
Burlington County, New Jersey	538	15.2	2.1	(11.0–19.3)
Camden County, New Jersey	580	16.8	2.3	(12.2–21.3)
Cape May County, New Jersey	486	15.7	2.2	(11.3–20.0)
Essex County, New Jersey	958	11.7	1.4	(8.9–14.4)
Gloucester County, New Jersey	497	18.7	2.6	(13.6–23.7)
Hudson County, New Jersey	1,040	14.5	1.5	(11.5–17.4)
Hunterdon County, New Jersey	491	15.9	2.5	(11.0–20.8)
Mercer County, New Jersey	484	14.1	2.4	(9.3–18.8)
Middlesex County, New Jersey	608	10.6	1.6	(7.4–13.7)
Monmouth County, New Jersey	522	14.7	2.2	(10.3–19.0)
Morris County, New Jersey	668	10.4	1.5	(7.4–13.3)
Ocean County, New Jersey	509	11.7	2.1	(7.5–15.8)
Passaic County, New Jersey	471	13.7	2.5	(8.8–18.6)
Somerset County, New Jersey	514	13.8	2.0	(9.8–17.7)
Sussex County, New Jersey	478	19.9	2.6	(14.8–24.9)
Union County, New Jersey	495	14.4	2.1	(10.2–18.5)
Warren County, New Jersey	456	12.0	1.9	(8.2–15.7)

See footnotes on page 146.

**TABLE 39. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,253	10.4	1.5	(7.4–13.3)
Dona Ana County, New Mexico	497	8.4	1.8	(4.8–11.9)
Sandoval County, New Mexico	510	6.9	1.9	(3.1–10.6)
San Juan County, New Mexico	675	10.8	2.1	(6.6–14.9)
Santa Fe County, New Mexico	600	13.8	2.1	(9.6–17.9)
Valencia County, New Mexico	342	12.1	2.8	(6.6–17.5)
Bronx County, New York	427	12.3	2.4	(7.5–17.0)
Erie County, New York	469	18.3	2.7	(13.0–23.5)
Kings County, New York	885	10.8	1.4	(8.0–13.5)
Monroe County, New York	376	13.2	2.5	(8.3–18.1)
Nassau County, New York	471	15.1	2.4	(10.3–19.8)
New York County, New York	1,015	18.4	2.0	(14.4–22.3)
Queens County, New York	772	13.0	1.9	(9.2–16.7)
Suffolk County, New York	577	15.7	2.3	(11.1–20.2)
Westchester County, New York	379	22.4	3.2	(16.1–28.6)
Buncombe County, North Carolina	260	10.6	2.7	(5.3–15.8)
Cabarrus County, North Carolina	304	10.3	2.8	(4.8–15.7)
Catawba County, North Carolina	293	9.9	3.1	(3.8–15.9)
Durham County, North Carolina	614	15.2	2.4	(10.4–19.9)
Gaston County, North Carolina	262	8.0	2.1	(3.8–12.1)
Guilford County, North Carolina	689	13.9	2.1	(9.7–18.0)
Johnston County, North Carolina	272	9.4	2.0	(5.4–13.3)
Mecklenburg County, North Carolina	593	15.0	2.4	(10.2–19.7)
Orange County, North Carolina	294	17.7	3.1	(11.6–23.7)
Randolph County, North Carolina	393	9.0	2.3	(4.4–13.5)
Union County, North Carolina	343	14.2	2.7	(8.9–19.4)
Wake County, North Carolina	695	13.1	2.0	(9.1–17.0)
Burleigh County, North Dakota	550	17.1	2.5	(12.2–22.0)
Cass County, North Dakota	769	20.5	2.4	(15.7–25.2)
Ward County, North Dakota	459	19.2	2.7	(13.9–24.4)
Cuyahoga County, Ohio	692	15.2	2.1	(11.0–19.3)
Franklin County, Ohio	664	15.2	2.3	(10.6–19.7)
Hamilton County, Ohio	710	18.8	2.6	(13.7–23.8)
Lucas County, Ohio	708	15.0	1.8	(11.4–18.5)
Mahoning County, Ohio	708	15.0	2.4	(10.2–19.7)
Montgomery County, Ohio	689	15.4	2.6	(10.3–20.4)
Stark County, Ohio	694	16.6	2.3	(12.0–21.1)
Summit County, Ohio	691	20.4	3.3	(13.9–26.8)
Cleveland County, Oklahoma	429	16.9	2.8	(11.4–22.3)
Oklahoma County, Oklahoma	1,419	12.9	1.4	(10.1–15.6)
Tulsa County, Oklahoma	1,495	14.1	1.4	(11.3–16.8)
Clackamas County, Oregon	430	12.7	2.4	(7.9–17.4)
Lane County, Oregon	501	13.0	2.5	(8.1–17.9)
Multnomah County, Oregon	788	15.3	2.0	(11.3–19.2)
Washington County, Oregon	566	15.3	2.3	(10.7–19.8)
Allegheny County, Pennsylvania	1,354	18.8	1.7	(15.4–22.1)
Lehigh County, Pennsylvania	275	16.3	2.9	(10.6–21.9)
Luzerne County, Pennsylvania	308	21.4	3.5	(14.5–28.2)
Montgomery County, Pennsylvania	341	17.0	3.2	(10.7–23.2)
Northampton County, Pennsylvania	254	8.9	2.4	(4.1–13.6)
Philadelphia County, Pennsylvania	1,379	16.1	1.6	(12.9–19.2)
Westmoreland County, Pennsylvania	328	16.3	3.0	(10.4–22.1)
Bristol County, Rhode Island	277	9.4	2.4	(4.6–14.1)
Kent County, Rhode Island	928	15.6	1.7	(12.2–18.9)
Newport County, Rhode Island	481	17.6	2.6	(12.5–22.6)
Providence County, Rhode Island	4,088	15.9	1.0	(13.9–17.8)
Washington County, Rhode Island	736	19.2	2.5	(14.3–24.1)
Aiken County, South Carolina	463	12.8	2.2	(8.4–17.1)
Beaufort County, South Carolina	661	11.4	1.8	(7.8–14.9)
Berkeley County, South Carolina	347	11.5	2.9	(5.8–17.1)
Charleston County, South Carolina	659	18.6	2.9	(12.9–24.2)
Greenville County, South Carolina	492	10.0	2.1	(5.8–14.1)
Horry County, South Carolina	544	17.2	3.0	(11.3–23.0)

See footnotes on page 146.

**TABLE 39. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported binge drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	651	17.3	3.4	(10.6–23.9)
Minnehaha County, South Dakota	597	18.7	2.5	(13.8–23.6)
Pennington County, South Dakota	653	12.9	1.9	(9.1–16.6)
Davidson County, Tennessee	396	7.0	2.0	(3.0–10.9)
Hamilton County, Tennessee	369	4.3	1.4	(1.5–7.0)
Knox County, Tennessee	357	NA	NA	NA
Shelby County, Tennessee	378	10.8	2.9	(5.1–16.4)
Sullivan County, Tennessee	444	7.4	1.9	(3.6–11.1)
Bexar County, Texas	953	19.7	2.1	(15.5–23.8)
Dallas County, Texas	386	10.9	2.2	(6.5–15.2)
El Paso County, Texas	856	14.3	1.8	(10.7–17.8)
Fort Bend County, Texas	913	13.4	1.9	(9.6–17.1)
Harris County, Texas	1,424	14.3	1.5	(11.3–17.2)
Hidalgo County, Texas	591	13.4	2.2	(9.0–17.7)
Lubbock County, Texas	749	14.3	2.3	(9.7–18.8)
Midland County, Texas	507	15.3	2.5	(10.4–20.2)
Potter County, Texas	332	16.8	3.3	(10.3–23.2)
Randall County, Texas	457	11.2	2.5	(6.3–16.1)
Smith County, Texas	662	10.4	2.2	(6.0–14.7)
Tarrant County, Texas	597	15.3	2.6	(10.2–20.3)
Travis County, Texas	741	19.2	3.9	(11.5–26.8)
Val Verde County, Texas	548	8.6	1.7	(5.2–11.9)
Webb County, Texas	900	15.8	1.8	(12.2–19.3)
Wichita County, Texas	669	10.8	2.1	(6.6–14.9)
Davis County, Utah	873	6.9	1.3	(4.3–9.4)
Salt Lake County, Utah	3,253	11.4	0.8	(9.8–12.9)
Summit County, Utah	446	16.1	2.3	(11.5–20.6)
Tooele County, Utah	564	8.3	1.5	(5.3–11.2)
Utah County, Utah	1,106	3.8	0.9	(2.0–5.5)
Weber County, Utah	768	10.1	1.5	(7.1–13.0)
Chittenden County, Vermont	1,416	19.4	1.8	(15.8–22.9)
Franklin County, Vermont	479	18.7	2.3	(14.1–23.2)
Orange County, Vermont	349	18.5	3.1	(12.4–24.5)
Rutland County, Vermont	647	14.7	2.1	(10.5–18.8)
Washington County, Vermont	659	18.3	2.1	(14.1–22.4)
Windsor County, Vermont	668	17.5	2.0	(13.5–21.4)
Benton County, Washington	384	8.5	1.9	(4.7–12.2)
Clark County, Washington	1,067	14.2	2.1	(10.0–18.3)
Franklin County, Washington	249	17.3	4.0	(9.4–25.1)
King County, Washington	2,990	18.2	1.1	(16.0–20.3)
Kitsap County, Washington	900	14.7	1.7	(11.3–18.0)
Pierce County, Washington	1,674	14.5	1.2	(12.1–16.8)
Snohomish County, Washington	1,620	15.4	1.3	(12.8–17.9)
Spokane County, Washington	1,196	14.9	1.5	(11.9–17.8)
Thurston County, Washington	766	13.5	1.8	(9.9–17.0)
Yakima County, Washington	724	13.5	1.9	(9.7–17.2)
Kanawha County, West Virginia	488	10.3	2.4	(5.5–15.0)
Milwaukee County, Wisconsin	1,159	16.7	2.2	(12.3–21.0)
Laramie County, Wyoming	902	12.6	1.6	(9.4–15.7)
Natrona County, Wyoming	756	16.5	2.3	(11.9–21.0)
Median		15.1		
Range		3.8–24.0		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For males: having at least five drinks on at least one occasion, for females: having at least four drinks on at least one occasion.

† Estimate not available (NA) if the unweighted sample size for the denominator was  $< 50$  or if the confidence interval half width is  $> 10$ .

**TABLE 40. Estimated prevalence of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,457	4.2	0.4	(3.4–5.0)
Alaska	1,882	5.6	0.9	(3.9–7.4)
Arizona	5,626	5.5	0.6	(4.4–6.6)
Arkansas	3,960	3.6	0.6	(2.5–4.7)
California	16,789	5.7	0.3	(5.1–6.2)
Colorado	10,952	4.7	0.3	(4.1–5.3)
Connecticut	6,601	5.0	0.5	(4.1–5.9)
Delaware	4,192	5.9	0.6	(4.7–7.0)
District of Columbia	3,869	6.1	0.5	(5.1–7.1)
Florida	34,026	5.2	0.3	(4.7–5.8)
Georgia	5,571	3.8	0.4	(3.1–4.5)
Hawaii	6,463	6.6	0.5	(5.6–7.5)
Idaho	6,845	4.0	0.4	(3.3–4.7)
Illinois	5,138	5.7	0.5	(4.7–6.7)
Indiana	9,962	3.9	0.3	(3.3–4.4)
Iowa	5,982	5.2	0.5	(4.3–6.2)
Kansas	8,390	3.8	0.3	(3.2–4.4)
Kentucky	7,855	3.9	0.4	(3.2–4.7)
Louisiana	6,781	5.3	0.4	(4.4–6.1)
Maine	7,949	5.2	0.3	(4.6–5.9)
Maryland	8,896	4.5	0.4	(3.7–5.3)
Massachusetts	15,179	6.7	0.3	(6.0–7.3)
Michigan	8,707	5.4	0.4	(4.7–6.1)
Minnesota	8,659	4.8	0.5	(3.9–5.7)
Mississippi	7,953	3.2	0.3	(2.6–3.8)
Missouri	5,310	5.5	0.6	(4.3–6.6)
Montana	7,124	5.3	0.4	(4.5–6.0)
Nebraska	16,086	5.5	0.5	(4.6–6.4)
Nevada	3,801	5.8	0.6	(4.7–6.9)
New Hampshire	5,896	6.4	0.5	(5.5–7.3)
New Jersey	11,696	4.3	0.3	(3.7–4.9)
New Mexico	6,835	4.4	0.4	(3.7–5.2)
New York	8,665	4.5	0.3	(4.0–5.1)
North Carolina	11,878	3.5	0.3	(2.9–4.1)
North Dakota	4,628	4.1	0.4	(3.3–5.0)
Ohio	9,540	5.3	0.4	(4.5–6.1)
Oklahoma	7,617	3.8	0.4	(3.1–4.5)
Oregon	4,850	6.2	0.5	(5.2–7.2)
Pennsylvania	10,961	3.9	0.3	(3.3–4.4)
Rhode Island	6,487	5.3	0.4	(4.5–6.1)
South Carolina	9,176	4.8	0.4	(3.9–5.6)
South Dakota	6,546	4.8	0.4	(3.9–5.6)
Tennessee	5,558	2.0	0.3	(1.4–2.6)
Texas	17,590	4.9	0.4	(4.2–5.6)
Utah	10,018	3.1	0.3	(2.5–3.6)
Vermont	6,653	7.2	0.5	(6.3–8.1)
Virginia	5,121	5.7	0.6	(4.5–6.9)
Washington	19,019	5.5	0.3	(5.0–6.0)
West Virginia	4,344	2.8	0.4	(2.1–3.5)
Wisconsin	4,558	6.2	0.5	(5.2–7.3)
Wyoming	5,705	4.8	0.4	(4.0–5.6)
Guam	772	4.9	0.9	(3.1–6.7)
Puerto Rico	3,479	3.0	0.5	(2.1–4.0)
Virgin Islands	1,751	6.5	0.8	(4.8–8.1)
Median		5.0		
Range		2.0–7.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* For adult men: having more than two drinks per day, for adult women: having more than one drink per day.

**TABLE 41. Estimated prevalence of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	789	6.5	1.7	(3.1–9.8)
Albuquerque, New Mexico	2,141	4.1	0.6	(2.9–5.2)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,034	4.4	1.1	(2.2–6.5)
Amarillo, Texas	814	4.2	1.2	(1.8–6.5)
Arcadia, Florida	482	6.7	1.8	(3.1–10.2)
Asheville, North Carolina	536	3.7	1.0	(1.7–5.6)
Atlanta-Sandy Springs-Marietta, Georgia	2,251	4.1	0.7	(2.7–5.4)
Atlantic City, New Jersey	870	5.4	1.3	(2.8–7.9)
Augusta-Richmond County, Georgia-South Carolina	840	3.3	0.8	(1.7–4.8)
Augusta-Waterville, Maine	631	6.4	1.7	(3.0–9.7)
Austin-Round Rock, Texas	940	5.0	1.5	(2.0–7.9)
Baltimore-Towson, Maryland	3,234	4.8	0.7	(3.4–6.1)
Bangor, Maine	677	4.9	1.2	(2.5–7.2)
Barre, Vermont	653	7.3	1.3	(4.7–9.8)
Baton Rouge, Louisiana	1,163	4.9	0.9	(3.1–6.6)
Bethesda-Gaithersburg-Frederick, Maryland†	1,590	5.2	0.8	(3.6–6.7)
Billings, Montana	528	4.1	1.2	(1.7–6.4)
Birmingham-Hoover, Alabama	1,172	6.2	1.2	(3.8–8.5)
Bismarck, North Dakota	741	3.5	0.9	(1.7–5.2)
Boise City-Nampa, Idaho	1,622	3.5	0.5	(2.5–4.4)
Boston-Quincy, Massachusetts†	3,091	7.4	0.8	(5.8–8.9)
Bremerton-Silverdale, Washington	893	5.8	0.9	(4.0–7.5)
Bridgeport-Stamford-Norwalk, Connecticut	2,132	5.6	0.9	(3.8–7.3)
Buffalo-Cheektowaga-Tonawanda, New York	591	8.7	1.9	(4.9–12.4)
Burlington-South Burlington, Vermont	1,960	7.5	1.0	(5.5–9.4)
Cambridge-Newton-Framingham, Massachusetts†	2,828	5.6	0.7	(4.2–6.9)
Camden, New Jersey†	1,604	3.9	0.6	(2.7–5.0)
Canton-Massillon, Ohio	722	4.1	1.1	(1.9–6.2)
Cape Coral-Fort Myers, Florida	493	6.0	1.2	(3.6–8.3)
Casper, Wyoming	751	6.1	1.3	(3.5–8.6)
Cedar Rapids, Iowa	547	2.8	0.9	(1.0–4.5)
Charleston, West Virginia	764	2.7	1.0	(0.7–4.6)
Charleston-North Charleston, South Carolina	1,117	8.7	1.6	(5.5–11.8)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,667	3.4	0.6	(2.2–4.5)
Chattanooga, Tennessee-Georgia	520	2.2	0.8	(0.6–3.7)
Cheyenne, Wyoming	893	3.4	0.7	(2.0–4.7)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	4,925	6.1	0.6	(4.9–7.2)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,751	6.3	1.1	(4.1–8.4)
Cleveland-Elyria-Mentor, Ohio	1,050	6.3	1.3	(3.7–8.8)
Coeur d'Alene, Idaho	556	6.0	1.6	(2.8–9.1)
Colorado Springs, Colorado	1,090	3.6	0.8	(2.0–5.1)
Columbia, South Carolina	1,113	5.1	1.3	(2.5–7.6)
Columbus, Ohio	1,354	5.0	0.9	(3.2–6.7)
Concord, New Hampshire	627	5.1	1.1	(2.9–7.2)
Dallas-Plano-Irving, Texas†	701	4.5	1.0	(2.5–6.4)
Dayton, Ohio	828	5.5	1.4	(2.7–8.2)
Del Rio, Texas	544	2.6	0.7	(1.2–3.9)
Deltona-Daytona Beach-Ormond Beach, Florida	835	4.2	0.9	(2.4–5.9)
Denver-Aurora, Colorado	4,551	5.1	0.4	(4.3–5.8)
Des Moines-West Des Moines, Iowa	991	4.8	0.9	(3.0–6.5)
Detroit-Livonia-Dearborn, Michigan†	1,880	5.7	1.0	(3.7–7.6)
Dover, Delaware	1,240	4.0	0.7	(2.6–5.3)
Durham, North Carolina	1,017	4.5	0.8	(2.9–6.0)
Edison, New Jersey†	2,135	3.9	0.6	(2.7–5.0)
El Paso, Texas	854	4.3	1.1	(2.1–6.4)
Eugene-Springfield, Oregon	495	5.8	1.1	(3.6–7.9)
Evansville, Indiana-Kentucky	527	4.8	1.7	(1.4–8.1)
Fargo, North Dakota-Minnesota	813	3.8	0.9	(2.0–5.5)
Farmington, New Mexico	671	3.8	1.2	(1.4–6.1)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	695	3.4	1.2	(1.0–5.7)
Fort Collins-Loveland, Colorado	528	5.7	1.6	(2.5–8.8)
Fort Wayne, Indiana	705	2.6	0.7	(1.2–3.9)
Fort Worth-Arlington, Texas†	719	3.3	1.1	(1.1–5.4)

See footnotes on page 151.



**TABLE 41. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	930	4.6	1.2	(2.2–6.9)
Grand Island, Nebraska	851	5.5	1.2	(3.1–7.8)
Grand Rapids-Wyoming, Michigan	615	5.5	1.3	(2.9–8.0)
Greensboro-High Point, North Carolina	1,142	3.4	0.7	(2.0–4.7)
Greenville, South Carolina	767	2.6	0.7	(1.2–3.9)
Hagerstown-Martinsburg, Maryland-West Virginia	632	3.8	1.1	(1.6–5.9)
Hartford-West Hartford-East Hartford, Connecticut	1,966	3.6	0.7	(2.2–4.9)
Hastings, Nebraska	579	2.9	0.8	(1.3–4.4)
Helena, Montana	621	5.2	1.2	(2.8–7.5)
Hickory-Morganton-Lenoir, North Carolina	590	1.3	0.6	(0.1–2.4)
Hilo, Hawaii	1,462	7.6	1.0	(5.6–9.5)
Hilton Head Island-Beaufort, South Carolina	780	6.5	0.9	(4.7–8.2)
Homosassa Springs, Florida	517	5.8	1.4	(3.0–8.5)
Honolulu, Hawaii	2,927	6.3	0.6	(5.1–7.4)
Houston-Sugar Land-Baytown, Texas	2,657	6.1	1.1	(3.9–8.2)
Huntington-Ashland, West Virginia-Kentucky-Ohio	645	4.3	1.1	(2.1–6.4)
Idaho Falls, Idaho	658	1.6	0.5	(0.6–2.5)
Indianapolis-Carmel, Indiana	2,193	4.6	0.7	(3.2–5.9)
Jackson, Mississippi	747	2.6	0.7	(1.2–3.9)
Jacksonville, Florida	2,528	6.4	0.9	(4.6–8.1)
Kahului-Wailuku, Hawaii	1,439	6.1	0.8	(4.5–7.6)
Kalispell, Montana	686	6.5	1.2	(4.1–8.8)
Kansas City, Missouri-Kansas	3,313	4.2	0.5	(3.2–5.1)
Kapaa, Hawaii	635	9.5	1.6	(6.3–12.6)
Kennewick-Richland-Pasco, Washington	625	2.4	0.5	(1.4–3.3)
Key West-Marathon, Florida	479	10.0	1.7	(6.6–13.3)
Kingsport-Bristol, Tennessee-Virginia	630	NA <sup>§</sup>	NA	NA
Knoxville, Tennessee	509	NA	NA	NA
Lake City, Florida	553	5.0	1.6	(1.8–8.1)
Lakeland-Winter Haven, Florida	503	4.0	0.9	(2.2–5.7)
Laredo, Texas	891	2.1	0.7	(0.7–3.4)
Las Cruces, New Mexico	494	3.3	0.8	(1.7–4.8)
Las Vegas-Paradise, Nevada	1,236	5.1	0.7	(3.7–6.4)
Lebanon, New Hampshire-Vermont	1,518	9.2	1.2	(6.8–11.5)
Lewiston, Idaho-Washington	586	4.4	1.0	(2.4–6.3)
Lewiston-Auburn, Maine	492	2.5	0.7	(1.1–3.8)
Lincoln, Nebraska	1,121	5.9	1.3	(3.3–8.4)
Little Rock-North Little Rock, Arkansas	806	4.3	1.1	(2.1–6.4)
Los Angeles-Long Beach-Glendale, California <sup>†</sup>	2,435	5.2	0.7	(3.8–6.5)
Louisville, Kentucky-Indiana	874	5.1	0.9	(3.3–6.8)
Lubbock, Texas	768	6.2	2.2	(1.8–10.5)
Manchester-Nashua, New Hampshire	1,385	6.1	1.0	(4.1–8.0)
McAllen-Edinburg-Mission, Texas	586	4.1	1.4	(1.3–6.8)
Memphis, Tennessee-Mississippi-Arkansas	1,121	1.8	0.5	(0.8–2.7)
Miami-Fort Lauderdale-Miami Beach, Florida	997	2.5	0.6	(1.3–3.6)
Midland, Texas	507	4.7	1.6	(1.5–7.8)
Milwaukee-Waukesha-West Allis, Wisconsin	1,458	6.7	1.2	(4.3–9.0)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,699	4.1	0.5	(3.1–5.0)
Minot, North Dakota	546	4.7	1.1	(2.5–6.8)
Mobile, Alabama	655	6.2	1.5	(3.2–9.1)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	539	6.7	1.8	(3.1–10.2)
Naples-Marco Island, Florida	501	9.5	1.9	(5.7–13.2)
Nashville-Davidson-Murfreesboro, Tennessee	796	1.0	0.3	(0.4–1.5)
Nassau-Suffolk, New York <sup>‡</sup>	1,047	5.4	1.0	(3.4–7.3)
Newark-Union, New Jersey-Pennsylvania <sup>†</sup>	3,123	3.8	0.4	(3.0–4.5)
New Haven-Milford, Connecticut	1,631	5.5	1.0	(3.5–7.4)
New Orleans-Metairie-Kenner, Louisiana	1,479	5.4	0.8	(3.8–6.9)
New York-White Plains-Wayne, New York-New Jersey <sup>†</sup>	5,926	4.0	0.4	(3.2–4.7)
Norfolk, Nebraska	660	5.2	1.3	(2.6–7.7)
North Platte, Nebraska	568	5.6	1.4	(2.8–8.3)
North Port-Bradenton-Sarasota, Florida	1,094	8.3	1.5	(5.7–10.8)
Ocala, Florida	566	4.2	1.2	(1.8–6.5)
Ocean City, New Jersey	488	8.0	1.6	(4.8–11.1)

See footnotes on page 151.

**TABLE 41. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,677	3.0	0.7	(1.6–4.3)
Oklahoma City, Oklahoma	2,441	3.8	0.7	(2.4–5.1)
Olympia, Washington	758	5.3	1.1	(3.1–7.4)
Omaha-Council Bluffs, Nebraska-Iowa	2,310	5.9	0.8	(4.3–7.4)
Orlando-Kissimmee, Florida	2,569	5.2	0.8	(3.6–6.7)
Palm Bay-Melbourne-Titusville, Florida	505	5.7	1.4	(2.9–8.4)
Panama City-Lynn Haven, Florida	537	7.5	2.0	(3.5–11.4)
Peabody, Massachusetts	1,989	6.8	1.0	(4.8–8.7)
Pensacola-Ferry Pass-Brent, Florida	987	5.6	1.1	(3.4–7.7)
Philadelphia, Pennsylvania*	2,309	3.2	0.5	(2.2–4.1)
Phoenix-Mesa-Scottsdale, Arizona	1,649	4.5	0.7	(3.1–5.8)
Pittsburgh, Pennsylvania	2,371	3.8	0.5	(2.8–4.7)
Portland-South Portland-Biddeford, Maine	2,566	5.7	0.6	(4.5–6.8)
Portland-Vancouver-Beaverton, Oregon-Washington	3,271	5.9	0.6	(4.7–7.0)
Port St. Lucie-Fort Pierce, Florida	990	5.4	1.0	(3.4–7.3)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,183	5.7	0.4	(4.9–6.4)
Provo-Orem, Utah	1,165	1.5	0.6	(0.3–2.6)
Raleigh-Cary, North Carolina	997	3.2	0.6	(2.0–4.3)
Rapid City, South Dakota	825	4.1	1.0	(2.1–6.0)
Reno-Sparks, Nevada	1,293	8.5	1.2	(6.1–10.8)
Richmond, Virginia	758	6.7	1.8	(3.1–10.2)
Riverside-San Bernardino-Ontario, California	1,776	5.8	0.9	(4.0–7.5)
Rochester, New York	555	4.1	1.1	(1.9–6.2)
Rockingham County-Strafford County, New Hampshire†	1,565	6.5	1.0	(4.5–8.4)
Rutland, Vermont	648	7.2	1.4	(4.4–9.9)
Sacramento-Arden-Arcade-Roseville, California	1,229	5.1	0.8	(3.5–6.6)
St. Louis, Missouri-Illinois	1,712	6.1	1.0	(4.1–8.0)
Salt Lake City, Utah	4,235	4.0	0.5	(3.0–4.9)
San Antonio, Texas	1,105	8.2	1.4	(5.4–10.9)
San Diego-Carlsbad-San Marcos, California	1,604	7.3	1.0	(5.3–9.2)
San Francisco-Oakland-Fremont, California	2,225	6.1	0.6	(4.9–7.2)
San Jose-Sunnyvale-Santa Clara, California	868	4.0	0.9	(2.2–5.7)
Santa Ana-Anaheim-Irvine, California†	1,359	4.3	0.7	(2.9–5.6)
Santa Fe, New Mexico	598	7.8	1.4	(5.0–10.5)
Scottsbluff, Nebraska	746	2.5	0.6	(1.3–3.6)
Scranton-Wilkes-Barre, Pennsylvania	541	7.3	1.5	(4.3–10.2)
Seaford, Delaware	1,226	5.6	0.9	(3.8–7.3)
Seattle-Bellevue-Everett, Washington†	4,553	6.1	0.5	(5.1–7.0)
Sebring, Florida	507	7.1	1.7	(3.7–10.4)
Shreveport-Bossier City, Louisiana	652	3.0	0.9	(1.2–4.7)
Sioux City, Iowa-Nebraska-South Dakota	1,193	5.1	1.4	(2.3–7.8)
Sioux Falls, South Dakota	822	6.4	1.3	(3.8–8.9)
Spokane, Washington	1,185	5.5	0.8	(3.9–7.0)
Springfield, Massachusetts	1,915	9.2	1.5	(6.2–12.1)
Tacoma, Washington†	1,663	5.4	0.7	(4.0–6.7)
Tallahassee, Florida	1,991	3.5	0.6	(2.3–4.6)
Tampa-St. Petersburg-Clearwater, Florida	1,969	5.3	0.8	(3.7–6.8)
Toledo, Ohio	836	3.3	0.9	(1.5–5.0)
Topeka, Kansas	814	4.6	1.0	(2.6–6.5)
Trenton-Ewing, New Jersey	483	2.5	0.6	(1.3–3.6)
Tucson, Arizona	680	8.0	1.9	(4.2–11.7)
Tulsa, Oklahoma	2,100	3.1	0.5	(2.1–4.0)
Tuscaloosa, Alabama	505	5.2	1.8	(1.6–8.7)
Twin Falls, Idaho	530	4.0	1.3	(1.4–6.5)
Tyler, Texas	655	5.1	1.9	(1.3–8.8)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,045	5.2	1.5	(2.2–8.1)
Warren-Troy-Farmington Hills, Michigan†	1,765	5.4	0.8	(3.8–6.9)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,249	5.0	0.7	(3.6–6.3)
Wauchula, Florida	514	7.9	2.6	(2.8–12.9)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	532	6.3	1.6	(3.1–9.4)
Wichita, Kansas	1,813	2.8	0.5	(1.8–3.7)
Wichita Falls, Texas	814	3.1	1.0	(1.1–5.0)
Wilmington, Delaware-Maryland-New Jersey†	2,177	6.0	0.8	(4.4–7.5)

See footnotes on page 151.

**TABLE 41. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	1,955	6.3	1.3	(3.7–8.8)
Yakima, Washington	706	4.1	0.9	(2.3–5.8)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,021	4.3	2.0	(0.3–8.2)
Median		5.1		
Range		1.0–10.0		

Abbreviations: SE = standard error; CI = confidence interval.

\* For adult men: having more than two drinks per day, for adult women: having more than one drink per day.

† Metropolitan division.

§ Estimate not available (NA) if the unweighted sample size for the denominator was &lt;50 or if the confidence interval half width is &gt;10.

**TABLE 42. Estimated prevalence of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	584	7.5	1.7	(4.1–10.8)
Mobile County, Alabama	655	6.2	1.5	(3.2–9.1)
Tuscaloosa County, Alabama	426	5.8	2.0	(1.8–9.7)
Maricopa County, Arizona	1,271	4.1	0.7	(2.7–5.4)
Pima County, Arizona	680	8.0	1.9	(4.2–11.7)
Pinal County, Arizona	378	8.5	2.4	(3.7–13.2)
Benton County, Arkansas	361	NA†	NA	NA
Pulaski County, Arkansas	544	4.5	1.4	(1.7–7.2)
Washington County, Arkansas	293	3.4	1.2	(1.0–5.7)
Alameda County, California	714	5.2	0.9	(3.4–6.9)
Contra Costa County, California	605	4.6	0.9	(2.8–6.3)
Los Angeles County, California	2,435	5.2	0.7	(3.8–6.5)
Orange County, California	1,359	4.3	0.7	(2.9–5.6)
Placer County, California	239	6.2	2.2	(1.8–10.5)
Riverside County, California	883	4.7	1.0	(2.7–6.6)
Sacramento County, California	711	4.0	0.8	(2.4–5.5)
San Bernardino County, California	893	6.9	1.4	(4.1–9.6)
San Diego County, California	1,604	7.3	1.0	(5.3–9.2)
San Francisco County, California	360	9.2	2.0	(5.2–13.1)
San Mateo County, California	355	3.9	0.9	(2.1–5.6)
Santa Clara County, California	834	4.0	1.0	(2.0–5.9)
Adams County, Colorado	761	5.6	1.2	(3.2–7.9)
Arapahoe County, Colorado	819	4.2	0.8	(2.6–5.7)
Denver County, Colorado	827	6.1	1.2	(3.7–8.4)
Douglas County, Colorado	539	5.6	1.3	(3.0–8.1)
El Paso County, Colorado	970	3.6	0.8	(2.0–5.1)
Jefferson County, Colorado	1,100	5.0	0.9	(3.2–6.7)
Larimer County, Colorado	528	5.7	1.6	(2.5–8.8)
Fairfield County, Connecticut	2,132	5.6	0.9	(3.8–7.3)
Hartford County, Connecticut	1,458	3.6	0.8	(2.0–5.1)
Middlesex County, Connecticut	260	5.4	1.4	(2.6–8.1)
New Haven County, Connecticut	1,631	5.5	1.0	(3.5–7.4)
Tolland County, Connecticut	248	1.0	0.4	(0.2–1.7)
Kent County, Delaware	1,240	4.0	0.7	(2.6–5.3)
New Castle County, Delaware	1,726	6.5	0.9	(4.7–8.2)
Sussex County, Delaware	1,226	5.6	0.9	(3.8–7.3)
District of Columbia, District of Columbia	3,869	6.7	0.7	(5.3–8.0)
Alachua County, Florida	520	5.2	1.5	(2.2–8.1)
Baker County, Florida	502	2.8	0.8	(1.2–4.3)
Bay County, Florida	537	7.5	2.0	(3.5–11.4)
Brevard County, Florida	505	5.7	1.4	(2.9–8.4)
Broward County, Florida	509	3.3	1.0	(1.3–5.2)
Citrus County, Florida	517	5.8	1.4	(3.0–8.5)
Clay County, Florida	478	6.1	1.6	(2.9–9.2)
Collier County, Florida	501	9.5	1.9	(5.7–13.2)
Columbia County, Florida	553	5.0	1.6	(1.8–8.1)
DeSoto County, Florida	482	6.7	1.8	(3.1–10.2)
Duval County, Florida	535	6.3	1.5	(3.3–9.2)
Escambia County, Florida	506	7.8	2.0	(3.8–11.7)
Gadsden County, Florida	501	2.8	1.0	(0.8–4.7)
Gilchrist County, Florida	410	5.1	2.1	(0.9–9.2)
Hardee County, Florida	514	7.9	2.6	(2.8–12.9)
Hernando County, Florida	475	4.9	1.4	(2.1–7.6)
Highlands County, Florida	507	7.1	1.7	(3.7–10.4)
Hillsborough County, Florida	489	5.6	1.6	(2.4–8.7)
Jefferson County, Florida	492	3.9	1.1	(1.7–6.0)
Lake County, Florida	577	6.7	1.5	(3.7–9.6)
Lee County, Florida	493	6.0	1.2	(3.6–8.3)
Leon County, Florida	483	3.3	0.9	(1.5–5.0)
Manatee County, Florida	507	8.6	2.7	(3.3–13.8)
Marion County, Florida	566	4.2	1.2	(1.8–6.5)
Martin County, Florida	499	8.2	1.5	(5.2–11.1)
Miami-Dade County, Florida	488	1.9	0.6	(0.7–3.0)

See footnotes on page 156.

**TABLE 42. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	479	10.0	1.7	(6.6–13.3)
Nassau County, Florida	503	5.7	1.3	(3.1–8.2)
Orange County, Florida	973	4.2	1.0	(2.2–6.1)
Osceola County, Florida	551	3.8	1.5	(0.8–6.7)
Palm Beach County, Florida	532	6.3	1.6	(3.1–9.4)
Pasco County, Florida	526	7.2	2.0	(3.2–11.1)
Pinellas County, Florida	479	4.9	1.1	(2.7–7.0)
Polk County, Florida	503	4.0	0.9	(2.2–5.7)
St. Johns County, Florida	510	9.4	1.7	(6.0–12.7)
St. Lucie County, Florida	491	4.7	1.4	(1.9–7.4)
Santa Rosa County, Florida	481	4.3	1.2	(1.9–6.6)
Sarasota County, Florida	587	9.3	1.8	(5.7–12.8)
Seminole County, Florida	468	6.6	1.6	(3.4–9.7)
Volusia County, Florida	835	4.2	0.9	(2.4–5.9)
Wakulla County, Florida	515	9.1	2.4	(4.3–13.8)
Cobb County, Georgia	241	4.3	1.7	(0.9–7.6)
DeKalb County, Georgia	326	2.5	1.0	(0.5–4.4)
Fulton County, Georgia	319	7.1	2.1	(2.9–11.2)
Gwinnett County, Georgia	243	1.1	0.5	(0.1–2.0)
Hawaii County, Hawaii	1,462	7.6	1.0	(5.6–9.5)
Honolulu County, Hawaii	2,927	6.3	0.6	(5.1–7.4)
Kauai County, Hawaii	635	9.5	1.6	(6.3–12.6)
Maui County, Hawaii	1,439	6.1	0.8	(4.5–7.6)
Ada County, Idaho	842	3.5	0.7	(2.1–4.8)
Bonneville County, Idaho	517	1.8	0.6	(0.6–2.9)
Canyon County, Idaho	604	2.9	0.8	(1.3–4.4)
Kootenai County, Idaho	556	6.0	1.6	(2.8–9.1)
Nez Perce County, Idaho	370	3.2	1.0	(1.2–5.1)
Twin Falls County, Idaho	427	3.9	1.4	(1.1–6.6)
Cook County, Illinois	2,845	6.7	0.8	(5.1–8.2)
DuPage County, Illinois	252	6.5	2.5	(1.6–11.4)
Allen County, Indiana	572	3.0	0.8	(1.4–4.5)
Lake County, Indiana	974	3.5	1.0	(1.5–5.4)
Marion County, Indiana	1,421	5.1	1.1	(2.9–7.2)
Linn County, Iowa	485	3.6	1.1	(1.4–5.7)
Polk County, Iowa	757	5.0	1.1	(2.8–7.1)
Johnson County, Kansas	1,389	5.7	0.9	(3.9–7.4)
Sedgwick County, Kansas	1,404	3.1	0.7	(1.7–4.4)
Shawnee County, Kansas	612	4.1	1.1	(1.9–6.2)
Wyandotte County, Kansas	598	4.3	1.3	(1.7–6.8)
Jefferson County, Kentucky	392	5.8	1.4	(3.0–8.5)
Caddo Parish, Louisiana	431	2.0	0.8	(0.4–3.5)
East Baton Rouge Parish, Louisiana	695	4.2	0.9	(2.4–5.9)
Jefferson Parish, Louisiana	575	4.4	1.2	(2.0–6.7)
Orleans Parish, Louisiana	365	6.4	1.7	(3.0–9.7)
St. Tammany Parish, Louisiana	351	8.1	2.0	(4.1–12.0)
Androscoggin County, Maine	492	2.5	0.7	(1.1–3.8)
Cumberland County, Maine	1,358	6.3	0.9	(4.5–8.0)
Kennebec County, Maine	631	6.4	1.7	(3.0–9.7)
Penobscot County, Maine	677	4.9	1.2	(2.5–7.2)
Sagadahoc County, Maine	289	5.9	1.9	(2.1–9.6)
York County, Maine	919	4.6	0.8	(3.0–6.1)
Anne Arundel County, Maryland	592	3.0	0.7	(1.6–4.3)
Baltimore County, Maryland	1,018	4.2	1.2	(1.8–6.5)
Cecil County, Maryland	264	5.6	2.0	(1.6–9.5)
Charles County, Maryland	345	2.1	0.8	(0.5–3.6)
Frederick County, Maryland	566	6.7	1.5	(3.7–9.6)
Harford County, Maryland	271	5.5	1.7	(2.1–8.8)
Howard County, Maryland	333	4.8	1.2	(2.4–7.1)
Montgomery County, Maryland	1,024	4.8	0.9	(3.0–6.5)
Prince George's County, Maryland	767	2.4	0.6	(1.2–3.5)
Queen Anne's County, Maryland	282	9.1	2.1	(4.9–13.2)
Washington County, Maryland	396	4.7	1.8	(1.1–8.2)

See footnotes on page 156.

**TABLE 42. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	507	5.4	1.5	(2.4–8.3)
Bristol County, Massachusetts	2,696	6.8	1.2	(4.4–9.1)
Essex County, Massachusetts	1,989	7.1	1.0	(5.1–9.0)
Hampden County, Massachusetts	1,483	9.3	2.7	(4.0–14.5)
Hampshire County, Massachusetts	257	14.2	4.0	(6.3–22.0)
Middlesex County, Massachusetts	2,828	5.5	0.6	(4.3–6.6)
Norfolk County, Massachusetts	807	6.8	1.0	(4.8–8.7)
Plymouth County, Massachusetts	643	7.5	1.7	(4.1–10.8)
Suffolk County, Massachusetts	1,641	10.4	2.4	(5.6–15.1)
Worcester County, Massachusetts	1,955	6.3	1.3	(3.7–8.8)
Kent County, Michigan	439	5.5	1.6	(2.3–8.6)
Macomb County, Michigan	502	4.1	1.0	(2.1–6.0)
Oakland County, Michigan	921	6.4	1.4	(3.6–9.1)
Wayne County, Michigan	1,880	5.7	1.0	(3.7–7.6)
Anoka County, Minnesota	384	3.0	1.0	(1.0–4.9)
Dakota County, Minnesota	559	2.6	0.7	(1.2–3.9)
Hennepin County, Minnesota	1,976	4.9	1.1	(2.7–7.0)
Ramsey County, Minnesota	888	4.6	1.1	(2.4–6.7)
Washington County, Minnesota	248	3.2	1.3	(0.6–5.7)
DeSoto County, Mississippi	359	2.7	1.0	(0.7–4.6)
Hinds County, Mississippi	330	2.5	1.1	(0.3–4.6)
Jackson County, Missouri	517	3.0	0.8	(1.4–4.5)
St. Louis County, Missouri	586	7.3	2.0	(3.3–11.2)
St. Louis city, Missouri	629	5.5	1.1	(3.3–7.6)
Flathead County, Montana	686	6.5	1.2	(4.1–8.8)
Lewis and Clark County, Montana	515	5.7	1.4	(2.9–8.4)
Yellowstone County, Montana	478	4.2	1.3	(1.6–6.7)
Adams County, Nebraska	471	3.1	1.0	(1.1–5.0)
Dakota County, Nebraska	723	4.0	1.1	(1.8–6.1)
Douglas County, Nebraska	932	5.9	1.0	(3.9–7.8)
Hall County, Nebraska	580	5.4	1.5	(2.4–8.3)
Lancaster County, Nebraska	837	5.9	1.4	(3.1–8.6)
Lincoln County, Nebraska	536	4.9	1.2	(2.5–7.2)
Madison County, Nebraska	456	5.2	1.5	(2.2–8.1)
Sarpy County, Nebraska	569	5.5	1.3	(2.9–8.0)
Scotts Bluff County, Nebraska	724	2.8	0.8	(1.2–4.3)
Seward County, Nebraska	284	5.1	1.8	(1.5–8.6)
Clark County, Nevada	1,236	5.1	0.7	(3.7–6.4)
Washoe County, Nevada	1,273	8.3	1.2	(5.9–10.6)
Grafton County, New Hampshire	503	10.8	2.2	(6.4–15.1)
Hillsborough County, New Hampshire	1,385	6.1	1.0	(4.1–8.0)
Merrimack County, New Hampshire	627	5.1	1.1	(2.9–7.2)
Rockingham County, New Hampshire	989	5.5	1.0	(3.5–7.4)
Strafford County, New Hampshire	576	8.3	2.0	(4.3–12.2)
Atlantic County, New Jersey	870	5.4	1.3	(2.8–7.9)
Bergen County, New Jersey	589	7.0	1.8	(3.4–10.5)
Burlington County, New Jersey	538	4.0	1.0	(2.0–5.9)
Camden County, New Jersey	576	3.3	0.8	(1.7–4.8)
Cape May County, New Jersey	488	8.0	1.6	(4.8–11.1)
Essex County, New Jersey	954	3.7	0.8	(2.1–5.2)
Gloucester County, New Jersey	490	5.0	1.4	(2.2–7.7)
Hudson County, New Jersey	1,041	3.6	0.7	(2.2–4.9)
Hunterdon County, New Jersey	485	7.3	1.6	(4.1–10.4)
Mercer County, New Jersey	483	2.5	0.6	(1.3–3.6)
Middlesex County, New Jersey	598	3.1	0.8	(1.5–4.6)
Monmouth County, New Jersey	522	4.8	1.4	(2.0–7.5)
Morris County, New Jersey	670	4.4	0.9	(2.6–6.1)
Ocean County, New Jersey	499	3.7	0.9	(1.9–5.4)
Passaic County, New Jersey	466	4.0	1.2	(1.6–6.3)
Somerset County, New Jersey	516	4.3	1.0	(2.3–6.2)
Sussex County, New Jersey	470	4.8	1.2	(2.4–7.1)
Union County, New Jersey	486	3.2	0.8	(1.6–4.7)
Warren County, New Jersey	443	2.9	1.0	(0.9–4.8)

See footnotes on page 156.



**TABLE 42. (Continued) Estimated prevalence of adults aged ≥18 years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,235	4.2	0.7	(2.8–5.5)
Dona Ana County, New Mexico	494	3.3	0.8	(1.7–4.8)
Sandoval County, New Mexico	507	3.3	1.5	(0.3–6.2)
San Juan County, New Mexico	671	3.8	1.2	(1.4–6.1)
Santa Fe County, New Mexico	598	7.8	1.4	(5.0–10.5)
Valencia County, New Mexico	339	4.0	1.7	(0.6–7.3)
Bronx County, New York	422	3.2	1.3	(0.6–5.7)
Erie County, New York	465	8.0	1.8	(4.4–11.5)
Kings County, New York	876	2.9	0.8	(1.3–4.4)
Monroe County, New York	373	4.6	1.5	(1.6–7.5)
Nassau County, New York	465	4.8	1.7	(1.4–8.1)
New York County, New York	1,008	5.5	0.9	(3.7–7.2)
Queens County, New York	767	1.9	0.5	(0.9–2.8)
Suffolk County, New York	582	6.2	1.3	(3.6–8.7)
Westchester County, New York	369	5.9	1.7	(2.5–9.2)
Buncombe County, North Carolina	259	5.0	1.7	(1.6–8.3)
Cabarrus County, North Carolina	302	1.5	0.7	(0.1–2.8)
Catawba County, North Carolina	287	NA	NA	NA
Durham County, North Carolina	611	3.8	1.0	(1.8–5.7)
Gaston County, North Carolina	258	3.6	1.2	(1.2–5.9)
Guilford County, North Carolina	683	4.1	1.0	(2.1–6.0)
Johnston County, North Carolina	272	2.0	0.9	(0.2–3.7)
Mecklenburg County, North Carolina	593	4.1	1.1	(1.9–6.2)
Orange County, North Carolina	293	6.8	1.7	(3.4–10.1)
Randolph County, North Carolina	393	2.7	1.2	(0.3–5.0)
Union County, North Carolina	343	4.5	1.7	(1.1–7.8)
Wake County, North Carolina	687	3.5	0.8	(1.9–5.0)
Burleigh County, North Dakota	536	2.4	0.8	(0.8–3.9)
Cass County, North Dakota	761	5.7	1.4	(2.9–8.4)
Ward County, North Dakota	456	4.5	1.2	(2.1–6.8)
Cuyahoga County, Ohio	688	5.3	1.3	(2.7–7.8)
Franklin County, Ohio	664	4.4	1.1	(2.2–6.5)
Hamilton County, Ohio	706	5.7	1.4	(2.9–8.4)
Lucas County, Ohio	703	4.0	1.2	(1.6–6.3)
Mahoning County, Ohio	698	2.7	0.6	(1.5–3.8)
Montgomery County, Ohio	684	6.6	1.6	(3.4–9.7)
Stark County, Ohio	691	4.3	1.1	(2.1–6.4)
Summit County, Ohio	684	4.8	1.1	(2.6–6.9)
Cleveland County, Oklahoma	429	5.4	2.0	(1.4–9.3)
Oklahoma County, Oklahoma	1,415	3.7	0.8	(2.1–5.2)
Tulsa County, Oklahoma	1,489	3.5	0.6	(2.3–4.6)
Clackamas County, Oregon	426	4.9	1.4	(2.1–7.6)
Lane County, Oregon	495	5.8	1.1	(3.6–7.9)
Multnomah County, Oregon	781	6.9	1.1	(4.7–9.0)
Washington County, Oregon	562	6.3	1.4	(3.5–9.0)
Allegheny County, Pennsylvania	1,347	4.8	0.8	(3.2–6.3)
Lehigh County, Pennsylvania	274	3.5	1.3	(0.9–6.0)
Luzerne County, Pennsylvania	307	5.7	1.6	(2.5–8.8)
Montgomery County, Pennsylvania	342	2.8	1.1	(0.6–4.9)
Northampton County, Pennsylvania	254	5.9	2.1	(1.7–10.0)
Philadelphia County, Pennsylvania	1,368	3.1	0.6	(1.9–4.2)
Westmoreland County, Pennsylvania	329	3.3	1.2	(0.9–5.6)
Bristol County, Rhode Island	276	5.7	1.8	(2.1–9.2)
Kent County, Rhode Island	923	5.9	1.0	(3.9–7.8)
Newport County, Rhode Island	477	6.3	1.1	(4.1–8.4)
Providence County, Rhode Island	4,079	4.7	0.5	(3.7–5.6)
Washington County, Rhode Island	732	7.1	1.4	(4.3–9.8)
Aiken County, South Carolina	457	4.8	1.3	(2.2–7.3)
Beaufort County, South Carolina	661	7.0	1.0	(5.0–8.9)
Berkeley County, South Carolina	348	7.7	2.5	(2.8–12.6)
Charleston County, South Carolina	649	8.9	1.9	(5.1–12.6)
Greenville County, South Carolina	488	3.5	1.0	(1.5–5.4) <sup>†</sup>
Horry County, South Carolina	539	6.7	1.8	(3.1–10.2)

See footnotes on page 156.

**TABLE 42. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported heavy drinking\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	646	7.6	2.2	(3.2–11.9)
Minnehaha County, South Dakota	591	6.3	1.6	(3.1–9.4)
Pennington County, South Dakota	646	5.4	1.3	(2.8–7.9)
Davidson County, Tennessee	396	NA	NA	NA
Hamilton County, Tennessee	369	2.2	0.9	(0.4–3.9)
Knox County, Tennessee	355	1.1	0.5	(0.1–2.0)
Shelby County, Tennessee	374	NA	NA	NA
Sullivan County, Tennessee	444	2.3	1.0	(0.3–4.2)
Bexar County, Texas	948	9.5	1.7	(6.1–12.8)
Dallas County, Texas	383	4.0	1.2	(1.6–6.3)
El Paso County, Texas	854	4.3	1.1	(2.1–6.4)
Fort Bend County, Texas	903	3.0	1.2	(0.6–5.3)
Harris County, Texas	1,413	4.9	0.9	(3.1–6.6)
Hidalgo County, Texas	586	4.1	1.4	(1.3–6.8)
Lubbock County, Texas	744	3.8	1.3	(1.2–6.3)
Midland County, Texas	507	4.7	1.6	(1.5–7.8)
Potter County, Texas	330	4.3	1.7	(0.9–7.6)
Randall County, Texas	453	3.5	1.3	(0.9–6.0)
Smith County, Texas	655	5.1	1.9	(1.3–8.8)
Tarrant County, Texas	591	3.4	1.3	(0.8–5.9)
Travis County, Texas	733	6.3	2.3	(1.7–10.8)
Val Verde County, Texas	544	2.6	0.7	(1.2–3.9)
Webb County, Texas	891	2.1	0.7	(0.7–3.4)
Wichita County, Texas	666	3.6	1.2	(1.2–5.9)
Davis County, Utah	868	3.2	1.0	(1.2–5.1)
Salt Lake County, Utah	3,227	4.0	0.5	(3.0–4.9)
Summit County, Utah	444	6.7	1.4	(3.9–9.4)
Tooele County, Utah	564	2.6	0.8	(1.0–4.1)
Utah County, Utah	1,105	1.5	0.6	(0.3–2.6)
Weber County, Utah	764	2.6	0.8	(1.0–4.1)
Chittenden County, Vermont	1,408	8.0	1.2	(5.6–10.3)
Franklin County, Vermont	474	5.6	1.5	(2.6–8.5)
Orange County, Vermont	349	8.2	2.1	(4.0–12.3)
Rutland County, Vermont	648	7.2	1.4	(4.4–9.9)
Washington County, Vermont	653	7.3	1.3	(4.7–9.8)
Windsor County, Vermont	666	7.6	1.3	(5.0–10.1)
Benton County, Washington	382	2.6	0.7	(1.2–3.9)
Clark County, Washington	1,062	4.4	0.9	(2.6–6.1)
Franklin County, Washington	243	2.8	1.2	(0.4–5.1)
King County, Washington	2,954	6.5	0.6	(5.3–7.6)
Kitsap County, Washington	893	5.8	0.9	(4.0–7.5)
Pierce County, Washington	1,663	5.3	0.6	(4.1–6.4)
Snohomish County, Washington	1,599	6.2	0.9	(4.4–7.9)
Spokane County, Washington	1,185	5.5	0.8	(3.9–7.0)
Thurston County, Washington	758	5.3	1.1	(3.1–7.4)
Yakima County, Washington	706	4.1	0.9	(2.3–5.8)
Kanawha County, West Virginia	487	3.1	1.3	(0.5–5.6)
Milwaukee County, Wisconsin	1,150	7.5	1.5	(4.5–10.4)
Laramie County, Wyoming	893	3.4	0.7	(2.0–4.7)
Natrona County, Wyoming	751	6.1	1.3	(3.5–8.6)
Median		5.0		
Range		1.0–14.2		

Abbreviations: SE = standard error; CI = confidence interval.

\* For adult men: having more than two drinks per day, for adult women: having more than one drink per day.

† Estimate not available (NA) if the unweighted sample size for the denominator was  $<50$  or if the confidence interval half width is  $>10$ .

**TABLE 43. Estimated prevalence of adults aged  $\geq 18$  years who reported no leisure time physical activity\* during the preceding month, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,655	31.1	0.8	(29.6–32.6)
Alaska	1,955	22.0	1.5	(19.0–24.9)
Arizona	5,747	20.8	1.0	(18.9–22.7)
Arkansas	4,015	29.8	1.1	(27.5–32.0)
California	17,775	20.4	0.4	(19.6–21.2)
Colorado	11,649	18.2	0.6	(17.1–19.3)
Connecticut	6,767	20.7	0.7	(19.3–22.1)
Delaware	4,238	23.9	0.9	(22.2–25.7)
District of Columbia	3,973	20.0	0.9	(18.3–21.7)
Florida	35,018	24.0	0.5	(23.0–25.1)
Georgia	5,779	25.1	0.8	(23.5–26.7)
Hawaii	6,551	19.2	0.7	(17.8–20.6)
Idaho	6,997	20.0	0.7	(18.7–21.3)
Illinois	5,201	25.7	0.9	(24.0–27.4)
Indiana	10,200	26.5	0.7	(25.1–27.8)
Iowa	6,095	24.8	0.8	(23.3–26.3)
Kansas	8,561	24.0	0.6	(22.8–25.2)
Kentucky	8,056	29.3	0.8	(27.7–30.9)
Louisiana	7,030	30.1	0.8	(28.5–31.6)
Maine	8,118	22.5	0.6	(21.2–23.7)
Maryland	9,179	23.1	0.7	(21.8–24.4)
Massachusetts	16,282	20.6	0.5	(19.6–21.6)
Michigan	8,859	23.6	0.6	(22.4–24.9)
Minnesota	8,957	19.1	0.7	(17.7–20.5)
Mississippi	8,083	33.0	0.8	(31.4–34.6)
Missouri	5,427	27.2	1.0	(25.2–29.2)
Montana	7,298	21.6	0.8	(20.1–23.1)
Nebraska	16,367	24.7	0.7	(23.4–26.1)
Nevada	3,908	23.0	1.2	(20.7–25.4)
New Hampshire	6,038	19.9	0.7	(18.6–21.3)
New Jersey	12,425	26.6	0.6	(25.4–27.8)
New Mexico	6,994	21.6	0.7	(20.1–23.0)
New York	8,929	23.9	0.6	(22.7–25.0)
North Carolina	12,133	25.7	0.6	(24.5–27.0)
North Dakota	4,755	24.8	0.9	(23.0–26.5)
Ohio	9,842	26.1	0.7	(24.8–27.4)
Oklahoma	7,741	29.9	0.7	(28.6–31.3)
Oregon	5,055	17.5	0.8	(16.0–19.0)
Pennsylvania	11,214	25.8	0.6	(24.7–26.9)
Rhode Island	6,596	24.1	0.7	(22.7–25.6)
South Carolina	9,391	27.8	0.9	(26.1–29.5)
South Dakota	6,719	24.7	0.8	(23.2–26.2)
Tennessee	5,764	29.9	1.0	(28.0–31.9)
Texas	18,039	26.6	0.7	(25.3–28.0)
Utah	10,161	17.9	0.6	(16.8–19.0)
Vermont	6,787	17.9	0.6	(16.7–19.1)
Virginia	5,381	23.3	1.0	(21.4–25.3)
Washington	19,583	18.3	0.4	(17.5–19.1)
West Virginia	4,399	32.9	0.9	(31.1–34.7)
Wisconsin	4,778	22.8	1.0	(20.9–24.8)
Wyoming	5,832	22.2	0.7	(20.7–23.6)
Guam	783	24.8	1.9	(21.0–28.6)
Puerto Rico	3,542	42.3	1.1	(40.1–44.6)
Virgin Islands	1,818	31.8	1.5	(28.8–34.8)
Median		24.0		
Range		17.5–42.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise.

**TABLE 44. Estimated prevalence of adults aged ≥18 years who reported no leisure time physical activity\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95%CI)
Akron, Ohio	809	22.6	2.2	(18.2–26.9)
Albuquerque, New Mexico	2,194	18.0	1.2	(15.6–20.3)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,090	26.1	2.0	(22.1–30.0)
Amarillo, Texas	827	24.1	2.1	(19.9–28.2)
Arcadia, Florida	502	35.1	4.2	(26.8–43.3)
Asheville, North Carolina	548	22.2	2.3	(17.6–26.7)
Atlanta-Sandy Springs-Marietta, Georgia	2,351	22.1	1.5	(19.1–25.0)
Atlantic City, New Jersey	921	27.8	2.0	(23.8–31.7)
Augusta-Richmond County, Georgia-South Carolina	874	25.9	2.4	(21.1–30.6)
Augusta-Waterville, Maine	653	22.3	2.1	(18.1–26.4)
Austin-Round Rock, Texas	975	19.3	2.4	(14.5–24.0)
Baltimore-Towson, Maryland	3,340	24.0	1.0	(22.0–25.9)
Bangor, Maine	691	24.1	2.1	(19.9–28.2)
Barre, Vermont	670	16.1	1.9	(12.3–19.8)
Baton Rouge, Louisiana	1,201	25.7	1.7	(22.3–29.0)
Bethesda-Gaithersburg-Frederick, Maryland	1,642	17.3	1.3	(14.7–19.8)
Billings, Montana	536	24.0	2.5	(19.1–28.9)
Birmingham-Hoover, Alabama	1,198	29.2	1.8	(25.6–32.7)
Bismarck, North Dakota	769	19.4	1.8	(15.8–22.9)
Boise City-Nampa, Idaho	1,662	16.6	1.1	(14.4–18.7)
Boston-Quincy, Massachusetts†	3,308	21.5	1.2	(19.1–23.8)
Bremerton-Silverdale, Washington	922	15.3	1.5	(12.3–18.2)
Bridgeport-Stamford-Norwalk, Connecticut	2,182	18.8	1.4	(16.0–21.5)
Buffalo-Cheektowaga-Tonawanda, New York	608	23.9	2.5	(19.0–28.8)
Burlington-South Burlington, Vermont	1,996	13.6	0.9	(11.8–15.3)
Cambridge-Newton-Framingham, Massachusetts†	3,023	17.3	1.1	(15.1–19.4)
Camden, New Jersey*	1,695	27.2	1.6	(24.0–30.3)
Canton-Massillon, Ohio	747	26.6	2.2	(22.2–30.9)
Cape Coral-Fort Myers, Florida	517	27.9	2.9	(22.2–33.5)
Casper, Wyoming	767	23.2	2.0	(19.2–27.1)
Cedar Rapids, Iowa	559	25.5	2.5	(20.6–30.4)
Charleston, West Virginia	770	31.4	2.2	(27.0–35.7)
Charleston-North Charleston, South Carolina	1,148	25.4	2.3	(20.8–29.9)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,710	22.6	1.4	(19.8–25.3)
Chattanooga, Tennessee-Georgia	538	32.2	3.3	(25.7–38.6)
Cheyenne, Wyoming	913	23.1	1.7	(19.7–26.4)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	5,019	23.3	1.0	(21.3–25.2)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,797	25.4	1.7	(22.0–28.7)
Cleveland-Elyria-Mentor, Ohio	1,100	22.7	1.6	(19.5–25.8)
Coeur d'Alene, Idaho	570	18.8	2.3	(14.2–23.3)
Colorado Springs, Colorado	1,166	19.1	1.6	(15.9–22.2)
Columbia, South Carolina	1,136	27.7	2.2	(23.3–32.0)
Columbus, Ohio	1,387	26.3	1.7	(22.9–29.6)
Concord, New Hampshire	641	16.9	1.9	(13.1–20.6)
Dallas-Plano-Irving, Texas†	720	26.4	2.5	(21.5–31.3)
Dayton, Ohio	852	25.2	2.3	(20.6–29.7)
Del Rio, Texas	558	NA <sup>b</sup>	NA	NA
Deltona-Daytona Beach-Ormond Beach, Florida	862	23.7	2.4	(18.9–28.4)
Denver-Aurora, Colorado	4,836	16.2	0.7	(14.8–17.5)
Des Moines-West Des Moines, Iowa	1,006	22.3	1.5	(19.3–25.2)
Detroit-Livonia-Dearborn, Michigan†	1,913	28.3	1.7	(24.9–31.6)
Dover, Delaware	1,255	30.4	1.8	(26.8–33.9)
Durham, North Carolina	1,035	22.0	2.6	(16.9–27.0)
Edison, New Jersey†	2,268	26.0	1.3	(23.4–28.5)
El Paso, Texas	871	28.5	2.2	(24.1–32.8)
Eugene-Springfield, Oregon	510	18.2	2.3	(13.6–22.7)
Evansville, Indiana-Kentucky	536	27.7	3.3	(21.2–34.1)
Fargo, North Dakota-Minnesota	834	26.6	3.5	(19.7–33.4)
Farmington, New Mexico	686	22.9	2.3	(18.3–27.4)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	700	26.2	2.7	(20.9–31.4)
Fort Collins-Loveland, Colorado	562	13.1	2.2	(8.7–17.4)
Fort Wayne, Indiana	720	23.4	2.0	(19.4–27.3)
Fort Worth-Arlington, Texas†	735	24.0	2.4	(19.2–28.7)

See footnotes on page 161.

**TABLE 44. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported no leisure time physical activity\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95%CI)
Gainesville, Florida	950	19.1	2.6	(14.0–24.1)
Grand Island, Nebraska	861	26.2	2.0	(22.2–30.1)
Grand Rapids-Wyoming, Michigan	623	19.3	1.8	(15.7–22.8)
Greensboro-High Point, North Carolina	1,162	23.4	1.8	(19.8–26.9)
Greenville, South Carolina	778	26.5	3.0	(20.6–32.3)
Hagerstown-Martinsburg, Maryland-West Virginia	643	27.7	2.4	(22.9–32.4)
Hartford-West Hartford-East Hartford, Connecticut	2,017	19.5	1.2	(17.1–21.8)
Hastings, Nebraska	589	26.0	3.0	(20.1–31.8)
Helena, Montana	642	18.4	2.0	(14.4–22.3)
Hickory-Morganton-Lenoir, North Carolina	601	30.2	2.6	(25.1–35.2)
Hilo, Hawaii	1,480	19.2	1.4	(16.4–21.9)
Hilton Head Island-Beaufort, South Carolina	800	19.0	1.9	(15.2–22.7)
Homosassa Springs, Florida	535	22.7	2.3	(18.1–27.2)
Honolulu, Hawaii	2,960	19.7	0.9	(17.9–21.4)
Houston-Sugar Land-Baytown, Texas	2,742	23.6	1.5	(20.6–26.5)
Huntington-Ashland, West Virginia-Kentucky-Ohio	659	30.2	2.4	(25.4–34.9)
Idaho Falls, Idaho	665	19.4	2.1	(15.2–23.5)
Indianapolis-Carmel, Indiana	2,251	23.5	1.4	(20.7–26.2)
Jackson, Mississippi	761	31.5	2.3	(26.9–36.0)
Jacksonville, Florida	2,584	27.9	1.9	(24.1–31.6)
Kahului-Wailuku, Hawaii	1,466	16.4	1.5	(13.4–19.3)
Kalispell, Montana	701	20.4	2.2	(16.0–24.7)
Kansas City, Missouri-Kansas	3,379	23.0	1.1	(20.8–25.1)
Kapaa, Hawaii	645	16.5	2.1	(12.3–20.6)
Kennewick-Richland-Pasco, Washington	644	24.2	2.5	(19.3–29.1)
Key West-Marathon, Florida	506	16.9	2.2	(12.5–21.2)
Kingsport-Bristol, Tennessee-Virginia	655	37.6	3.4	(30.9–44.2)
Knoxville, Tennessee	530	29.1	3.3	(22.6–35.5)
Lake City, Florida	563	28.0	2.7	(22.7–33.2)
Lakeland-Winter Haven, Florida	521	26.0	2.5	(21.1–30.9)
Laredo, Texas	922	34.2	2.1	(30.0–38.3)
Las Cruces, New Mexico	504	24.5	2.8	(19.0–29.9)
Las Vegas-Paradise, Nevada	1,269	23.7	1.6	(20.5–26.8)
Lebanon, New Hampshire-Vermont	1,557	19.6	1.4	(16.8–22.3)
Lewiston, Idaho-Washington	600	22.3	2.4	(17.5–27.0)
Lewiston-Auburn, Maine	501	24.3	2.4	(19.5–29.0)
Lincoln, Nebraska	1,130	18.2	1.8	(14.6–21.7)
Little Rock-North Little Rock, Arkansas	822	23.8	2.2	(19.4–28.1)
Los Angeles-Long Beach-Glendale, California†	2,618	20.8	1.0	(18.8–22.7)
Louisville, Kentucky-Indiana	909	25.2	1.8	(21.6–28.7)
Lubbock, Texas	780	30.7	2.7	(25.4–35.9)
Manchester-Nashua, New Hampshire	1,418	18.7	1.4	(15.9–21.4)
McAllen-Edinburg-Mission, Texas	597	36.0	2.7	(30.7–41.2)
Memphis, Tennessee-Mississippi-Arkansas	1,155	26.1	2.1	(21.9–30.2)
Miami-Fort Lauderdale-Miami Beach, Florida	1,028	24.1	1.8	(20.5–27.6)
Midland, Texas	524	33.3	3.0	(27.4–39.1)
Milwaukee-Waukesha-West Allis, Wisconsin	1,533	24.4	2.1	(20.2–28.5)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,863	17.1	0.9	(15.3–18.8)
Minot, North Dakota	556	26.5	2.3	(21.9–31.0)
Mobile, Alabama	681	30.3	2.7	(25.0–35.5)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	554	22.7	2.3	(18.1–27.2)
Naples-Marco Island, Florida	520	13.6	2.0	(9.6–17.5)
Nashville-Davidson-Murfreesboro, Tennessee	829	26.7	2.4	(21.9–31.4)
Nassau-Suffolk, New York†	1,072	22.7	1.7	(19.3–26.0)
Newark-Union, New Jersey-Pennsylvania†	3,324	26.1	1.3	(23.5–28.6)
New Haven-Milford, Connecticut	1,676	22.1	1.5	(19.1–25.0)
New Orleans-Metairie-Kenner, Louisiana	1,537	26.9	1.5	(23.9–29.8)
New York-White Plains-Wayne, New York-New Jersey†	6,196	24.6	0.8	(23.0–26.1)
Norfolk, Nebraska	676	28.3	2.5	(23.4–33.2)
North Platte, Nebraska	578	28.8	2.9	(23.1–34.4)
North Port-Bradenton-Sarasota, Florida	1,132	21.6	1.7	(18.2–24.9)
Ocala, Florida	589	28.8	2.7	(23.5–34.0)
Ocean City, New Jersey	520	24.9	2.4	(20.1–29.6)

See footnotes on page 161.

**TABLE 44. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported no leisure time physical activity\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95%CI)
Ogden-Clearfield, Utah	1,698	16.5	1.1	(14.3–18.6)
Oklahoma City, Oklahoma	2,475	28.5	1.2	(26.1–30.8)
Olympia, Washington	775	15.2	1.5	(12.2–18.1)
Omaha-Council Bluffs, Nebraska-Iowa	2,357	23.7	1.3	(21.1–26.2)
Orlando-Kissimmee, Florida	2,670	25.3	1.4	(22.5–28.0)
Palm Bay-Melbourne-Titusville, Florida	527	26.4	2.6	(21.3–31.4)
Panama City-Lynn Haven, Florida	546	23.9	3.2	(17.6–30.1)
Peabody, Massachusetts	2,132	19.6	1.5	(16.6–22.5)
Pensacola-Ferry Pass-Brent, Florida	1,013	25.5	2.1	(21.3–29.6)
Philadelphia, Pennsylvania†	2,367	24.2	1.3	(21.6–26.7)
Phoenix-Mesa-Scottsdale, Arizona	1,685	18.5	1.4	(15.7–21.2)
Pittsburgh, Pennsylvania	2,418	23.6	1.1	(21.4–25.7)
Portland-South Portland-Biddeford, Maine	2,627	17.9	1.0	(15.9–19.8)
Portland-Vancouver-Beaverton, Oregon-Washington	3,397	15.8	1.0	(13.8–17.7)
Port St. Lucie-Fort Pierce, Florida	1,026	22.1	1.8	(18.5–25.6)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,526	24.3	0.7	(22.9–25.6)
Provo-Orem, Utah	1,176	16.2	1.6	(13.0–19.3)
Raleigh-Cary, North Carolina	1,028	20.4	1.6	(17.2–23.5)
Rapid City, South Dakota	848	24.4	1.8	(20.8–27.9)
Reno-Sparks, Nevada	1,326	19.1	1.6	(15.9–22.2)
Richmond, Virginia	802	26.2	2.6	(21.1–31.2)
Riverside-San Bernardino-Ontario, California	1,878	23.6	1.3	(21.0–26.1)
Rochester, New York	569	19.0	2.1	(14.8–23.1)
Rockingham County-Strafford County, New Hampshire†	1,606	19.5	1.3	(16.9–22.0)
Rutland, Vermont	659	22.6	2.1	(18.4–26.7)
Sacramento-Arden-Arcade-Roseville, California	1,294	15.3	1.3	(12.7–17.8)
St. Louis, Missouri-Illinois	1,752	25.5	1.8	(21.9–29.0)
Salt Lake City, Utah	4,312	18.3	0.8	(16.7–19.8)
San Antonio, Texas	1,129	26.5	1.9	(22.7–30.2)
San Diego-Carlsbad-San Marcos, California	1,695	19.0	1.3	(16.4–21.5)
San Francisco-Oakland-Fremont, California	2,358	17.4	1.0	(15.4–19.3)
San Jose-Sunnyvale-Santa Clara, California	913	17.0	1.6	(13.8–20.1)
Santa Ana-Anaheim-Irvine, California†	1,446	21.1	1.6	(17.9–24.2)
Santa Fe, New Mexico	610	17.9	2.3	(13.3–22.4)
Scottsbluff, Nebraska	761	27.5	2.3	(22.9–32.0)
Scranton-Wilkes-Barre, Pennsylvania	555	32.8	2.6	(27.7–37.8)
Seaford, Delaware	1,238	25.8	1.8	(22.2–29.3)
Seattle-Bellevue-Everett, Washington†	4,694	16.6	0.8	(15.0–18.1)
Sebring, Florida	520	28.9	2.9	(23.2–34.5)
Shreveport-Bossier City, Louisiana	683	34.1	2.8	(28.6–39.5)
Sioux City, Iowa-Nebraska-South Dakota	1,219	28.2	2.8	(22.7–33.6)
Sioux Falls, South Dakota	839	21.4	1.8	(17.8–24.9)
Spokane, Washington	1,217	18.3	1.5	(15.3–21.2)
Springfield, Massachusetts	2,049	20.5	1.5	(17.5–23.4)
Tacoma, Washington*	1,718	19.6	1.3	(17.0–22.1)
Tallahassee, Florida	2,043	22.1	2.0	(18.1–26.0)
Tampa-St. Petersburg-Clearwater, Florida	2,032	22.1	1.5	(19.1–25.0)
Toledo, Ohio	863	24.7	2.0	(20.7–28.6)
Topeka, Kansas	836	22.3	1.8	(18.7–25.8)
Trenton-Ewing, New Jersey	504	24.8	2.6	(19.7–29.8)
Tucson, Arizona	697	20.3	2.2	(15.9–24.6)
Tulsa, Oklahoma	2,144	29.2	1.3	(26.6–31.7)
Tuscaloosa, Alabama	516	31.0	3.1	(24.9–37.0)
Twin Falls, Idaho	540	25.4	2.9	(19.7–31.0)
Tyler, Texas	671	26.0	2.6	(20.9–31.0)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,104	22.8	2.1	(18.6–26.9)
Warren-Troy-Farmington Hills, Michigan†	1,801	19.4	1.3	(16.8–21.9)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,445	19.3	1.2	(16.9–21.6)
Wauchula, Florida	529	27.2	3.1	(21.1–33.2)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	551	22.6	2.6	(17.5–27.6)
Wichita, Kansas	1,853	22.6	1.3	(20.0–25.1)
Wichita Falls, Texas	829	28.6	2.3	(24.0–33.1)
Wilmington, Delaware-Maryland-New Jersey†	2,211	23.5	1.1	(21.3–25.6)

See footnotes on page 161.



**TABLE 44. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported no leisure time physical activity\* during the preceding month, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95%CI)
Worcester, Massachusetts	2,098	19.0	1.3	(16.4–21.5)
Yakima, Washington	741	25.1	2.4	(20.3–29.8)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,062	26.4	2.4	(21.6–31.1)
Median		23.7		
Range		13.1–37.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise.

† Metropolitan division.

§ Estimate not available (NA) if the unweighted sample size for the denominator was <50 or if the confidence interval half width is >10.

**TABLE 45. Estimated prevalence of adults aged  $\geq 18$  years who reported no leisure time physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	601	30.5	2.5	(25.6–35.4)
Mobile County, Alabama	681	30.3	2.7	(25.0–35.5)
Tuscaloosa County, Alabama	433	29.1	3.1	(23.0–35.1)
Maricopa County, Arizona	1,299	18.1	1.5	(15.1–21.0)
Pima County, Arizona	697	20.3	2.2	(15.9–24.6)
Pinal County, Arizona	386	24.2	4.3	(15.7–32.6)
Benton County, Arkansas	361	25.4	3.3	(18.9–31.8)
Pulaski County, Arkansas	559	19.9	2.3	(15.3–24.4)
Washington County, Arkansas	298	21.8	3.9	(14.1–29.4)
Alameda County, California	757	18.0	1.8	(14.4–21.5)
Contra Costa County, California	632	18.5	2.0	(14.5–22.4)
Los Angeles County, California	2,618	20.8	1.0	(18.8–22.7)
Orange County, California	1,446	21.1	1.6	(17.9–24.2)
Placer County, California	255	10.5	2.1	(6.3–14.6)
Riverside County, California	931	22.9	1.8	(19.3–26.4)
Sacramento County, California	752	18.5	1.8	(14.9–22.0)
San Bernardino County, California	947	24.2	1.8	(20.6–27.7)
San Diego County, California	1,695	19.0	1.3	(16.4–21.5)
San Francisco County, California	386	18.5	2.5	(13.6–23.4)
San Mateo County, California	384	14.5	2.1	(10.3–18.6)
Santa Clara County, California	875	16.9	1.7	(13.5–20.2)
Adams County, Colorado	807	22.7	2.3	(18.1–27.2)
Arapahoe County, Colorado	873	17.2	1.6	(14.0–20.3)
Denver County, Colorado	878	18.6	1.8	(15.0–22.1)
Douglas County, Colorado	578	8.5	1.4	(5.7–11.2)
El Paso County, Colorado	1,033	18.9	1.6	(15.7–22.0)
Jefferson County, Colorado	1,170	13.7	1.2	(11.3–16.0)
Larimer County, Colorado	562	13.1	2.2	(8.7–17.4)
Fairfield County, Connecticut	2,182	18.8	1.4	(16.0–21.5)
Hartford County, Connecticut	1,499	21.1	1.4	(18.3–23.8)
Middlesex County, Connecticut	263	13.3	2.2	(8.9–17.6)
New Haven County, Connecticut	1,676	22.1	1.5	(19.1–25.0)
Tolland County, Connecticut	255	17.5	3.0	(11.6–23.3)
Kent County, Delaware	1,255	30.4	1.8	(26.8–33.9)
New Castle County, Delaware	1,745	21.2	1.2	(18.8–23.5)
Sussex County, Delaware	1,238	25.8	1.8	(22.2–29.3)
District of Columbia, District of Columbia	3,973	19.2	1.0	(17.2–21.1)
Alachua County, Florida	536	17.4	2.4	(12.6–22.1)
Baker County, Florida	508	NA†	NA	NA
Bay County, Florida	546	23.9	3.2	(17.6–30.1)
Brevard County, Florida	527	26.4	2.6	(21.3–31.4)
Broward County, Florida	524	22.9	2.4	(18.1–27.6)
Citrus County, Florida	535	22.7	2.3	(18.1–27.2)
Clay County, Florida	485	24.1	2.6	(19.0–29.1)
Collier County, Florida	520	13.6	2.0	(9.6–17.5)
Columbia County, Florida	563	28.0	2.7	(22.7–33.2)
DeSoto County, Florida	502	35.1	4.2	(26.8–43.3)
Duval County, Florida	549	29.3	2.6	(24.2–34.3)
Escambia County, Florida	519	27.7	3.1	(21.6–33.7)
Gadsden County, Florida	510	28.6	2.8	(23.1–34.0)
Gilchrist County, Florida	414	NA	NA	NA
Hardee County, Florida	529	27.2	3.1	(21.1–33.2)
Hernando County, Florida	489	24.0	2.5	(19.1–28.9)
Highlands County, Florida	520	28.9	2.9	(23.2–34.5)
Hillsborough County, Florida	505	22.3	2.6	(17.2–27.3)
Jefferson County, Florida	501	31.9	3.8	(24.4–39.3)
Lake County, Florida	606	21.8	2.1	(17.6–25.9)
Lee County, Florida	517	27.9	2.9	(22.2–33.5)
Leon County, Florida	495	19.0	2.8	(13.5–24.4)
Manatee County, Florida	524	24.5	2.6	(19.4–29.5)
Marion County, Florida	589	28.8	2.7	(23.5–34.0)
Martin County, Florida	521	19.4	2.2	(15.0–23.7)
Miami-Dade County, Florida	504	24.5	2.5	(19.6–29.4)

See footnotes on page 166.

**TABLE 45. (Continued) Estimated prevalence of adults aged ≥18 years who reported no leisure time physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	506	16.9	2.2	(12.5–21.2)
Nassau County, Florida	520	20.5	2.9	(14.8–26.1)
Orange County, Florida	1,008	26.3	2.1	(22.1–30.4)
Osceola County, Florida	565	25.6	2.6	(20.5–30.6)
Palm Beach County, Florida	551	22.6	2.6	(17.5–27.6)
Pasco County, Florida	540	27.7	2.7	(22.4–32.9)
Pinellas County, Florida	498	15.8	2.0	(11.8–19.7)
Polk County, Florida	521	26.0	2.5	(21.1–30.9)
St. Johns County, Florida	522	17.6	2.3	(13.0–22.1)
St. Lucie County, Florida	505	24.3	2.4	(19.5–29.0)
Santa Rosa County, Florida	494	23.3	2.5	(18.4–28.2)
Sarasota County, Florida	608	20.6	2.4	(15.8–25.3)
Seminole County, Florida	491	23.8	2.8	(18.3–29.2)
Volusia County, Florida	862	23.7	2.4	(18.9–28.4)
Wakulla County, Florida	537	33.8	3.5	(26.9–40.6)
Cobb County, Georgia	254	23.0	3.4	(16.3–29.6)
DeKalb County, Georgia	342	18.9	2.9	(13.2–24.5)
Fulton County, Georgia	330	19.5	3.2	(13.2–25.7)
Gwinnett County, Georgia	251	22.5	3.5	(15.6–29.3)
Hawaii County, Hawaii	1,480	19.2	1.4	(16.4–21.9)
Honolulu County, Hawaii	2,960	19.7	0.9	(17.9–21.4)
Kauai County, Hawaii	645	16.5	2.1	(12.3–20.6)
Maui County, Hawaii	1,466	16.4	1.5	(13.4–19.3)
Ada County, Idaho	865	13.1	1.4	(10.3–15.8)
Bonneville County, Idaho	522	18.9	2.4	(14.1–23.6)
Canyon County, Idaho	619	23.4	2.1	(19.2–27.5)
Kootenai County, Idaho	570	18.8	2.3	(14.2–23.3)
Nez Perce County, Idaho	381	22.7	2.8	(17.2–28.1)
Twin Falls County, Idaho	434	27.3	3.1	(21.2–33.3)
Cook County, Illinois	2,886	24.5	1.2	(22.1–26.8)
DuPage County, Illinois	256	21.0	3.0	(15.1–26.8)
Allen County, Indiana	585	24.9	2.4	(20.1–29.6)
Lake County, Indiana	1,002	29.1	2.4	(24.3–33.8)
Marion County, Indiana	1,461	23.8	1.8	(20.2–27.3)
Linn County, Iowa	495	26.0	2.6	(20.9–31.0)
Polk County, Iowa	767	22.9	1.9	(19.1–26.6)
Johnson County, Kansas	1,416	17.5	1.2	(15.1–19.8)
Sedgwick County, Kansas	1,438	23.3	1.4	(20.5–26.0)
Shawnee County, Kansas	624	20.7	1.9	(16.9–24.4)
Wyandotte County, Kansas	605	33.6	2.7	(28.3–38.8)
Jefferson County, Kentucky	410	26.0	2.6	(20.9–31.0)
Caddo Parish, Louisiana	447	39.0	3.3	(32.5–45.4)
East Baton Rouge Parish, Louisiana	722	25.1	2.3	(20.5–29.6)
Jefferson Parish, Louisiana	595	31.1	2.6	(26.0–36.1)
Orleans Parish, Louisiana	377	28.6	3.2	(22.3–34.8)
St. Tammany Parish, Louisiana	372	21.8	2.8	(16.3–27.2)
Androscoggin County, Maine	501	24.3	2.4	(19.5–29.0)
Cumberland County, Maine	1,389	14.5	1.2	(12.1–16.8)
Kennebec County, Maine	653	22.3	2.1	(18.1–26.4)
Penobscot County, Maine	691	24.1	2.1	(19.9–28.2)
Sagadahoc County, Maine	298	19.6	2.7	(14.3–24.8)
York County, Maine	940	22.0	1.7	(18.6–25.3)
Anne Arundel County, Maryland	602	18.6	2.0	(14.6–22.5)
Baltimore County, Maryland	1,054	26.0	1.6	(22.8–29.1)
Cecil County, Maryland	270	29.6	3.4	(22.9–36.2)
Charles County, Maryland	348	20.7	2.5	(15.8–25.6)
Frederick County, Maryland	577	20.9	2.2	(16.5–25.2)
Harford County, Maryland	279	23.7	2.8	(18.2–29.1)
Howard County, Maryland	342	19.0	3.2	(12.7–25.2)
Montgomery County, Maryland	1,065	16.3	1.5	(13.3–19.2)
Prince George's County, Maryland	795	23.9	1.9	(20.1–27.6)
Queen Anne's County, Maryland	294	23.0	2.9	(17.3–28.6)
Washington County, Maryland	407	25.5	2.7	(20.2–30.7)

See footnotes on page 166.

**TABLE 45. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported no leisure time physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	534	31.6	2.9	(25.9–37.2)
Bristol County, Massachusetts	2,930	25.2	1.7	(21.8–28.5)
Essex County, Massachusetts	2,132	19.2	1.5	(16.2–22.1)
Hampden County, Massachusetts	1,590	25.3	1.8	(21.7–28.8)
Hampshire County, Massachusetts	275	13.5	2.7	(8.2–18.7)
Middlesex County, Massachusetts	3,023	17.0	1.1	(14.8–19.1)
Norfolk County, Massachusetts	860	19.2	1.8	(15.6–22.7)
Plymouth County, Massachusetts	687	19.9	2.4	(15.1–24.6)
Suffolk County, Massachusetts	1,761	23.0	1.8	(19.4–26.5)
Worcester County, Massachusetts	2,098	19.0	1.3	(16.4–21.5)
Kent County, Michigan	446	18.0	2.1	(13.8–22.1)
Macomb County, Michigan	516	21.4	2.2	(17.0–25.7)
Oakland County, Michigan	936	18.9	1.9	(15.1–22.6)
Wayne County, Michigan	1,913	28.3	1.7	(24.9–31.6)
Anoka County, Minnesota	396	22.9	2.8	(17.4–28.3)
Dakota County, Minnesota	570	14.9	2.1	(10.7–19.0)
Hennepin County, Minnesota	2,053	15.7	1.5	(12.7–18.6)
Ramsey County, Minnesota	919	15.7	2.5	(10.8–20.6)
Washington County, Minnesota	258	15.2	2.8	(9.7–20.6)
DeSoto County, Mississippi	369	23.2	2.8	(17.7–28.6)
Hinds County, Mississippi	340	33.7	3.5	(26.8–40.5)
Jackson County, Missouri	527	25.5	2.5	(20.6–30.4)
St. Louis County, Missouri	605	22.0	2.9	(16.3–27.6)
St. Louis city, Missouri	648	31.9	3.9	(24.2–39.5)
Flathead County, Montana	701	20.4	2.2	(16.0–24.7)
Lewis and Clark County, Montana	533	18.4	2.0	(14.4–22.3)
Yellowstone County, Montana	485	23.5	2.6	(18.4–28.5)
Adams County, Nebraska	480	21.9	3.0	(16.0–27.7)
Dakota County, Nebraska	740	31.4	2.2	(27.0–35.7)
Douglas County, Nebraska	951	26.1	2.0	(22.1–30.0)
Hall County, Nebraska	586	24.1	2.4	(19.3–28.8)
Lancaster County, Nebraska	847	17.6	1.9	(13.8–21.3)
Lincoln County, Nebraska	546	28.5	3.0	(22.6–34.3)
Madison County, Nebraska	468	25.7	3.1	(19.6–31.7)
Sarpy County, Nebraska	578	19.1	2.2	(14.7–23.4)
Scotts Bluff County, Nebraska	738	27.9	2.4	(23.1–32.6)
Seward County, Nebraska	283	26.2	3.4	(19.5–32.8)
Clark County, Nevada	1,269	23.7	1.6	(20.5–26.8)
Washoe County, Nevada	1,306	19.1	1.6	(15.9–22.2)
Grafton County, New Hampshire	517	18.5	2.2	(14.1–22.8)
Hillsborough County, New Hampshire	1,418	18.7	1.4	(15.9–21.4)
Merrimack County, New Hampshire	641	16.9	1.9	(13.1–20.6)
Rockingham County, New Hampshire	1,021	18.6	1.6	(15.4–21.7)
Strafford County, New Hampshire	585	21.1	2.2	(16.7–25.4)
Atlantic County, New Jersey	921	27.8	2.0	(23.8–31.7)
Bergen County, New Jersey	628	20.2	2.1	(16.0–24.3)
Burlington County, New Jersey	567	27.1	2.5	(22.2–32.0)
Camden County, New Jersey	604	26.9	2.6	(21.8–31.9)
Cape May County, New Jersey	520	24.9	2.4	(20.1–29.6)
Essex County, New Jersey	1,026	29.1	2.0	(25.1–33.0)
Gloucester County, New Jersey	524	25.3	2.5	(20.4–30.2)
Hudson County, New Jersey	1,101	28.7	1.7	(25.3–32.0)
Hunterdon County, New Jersey	515	17.8	2.0	(13.8–21.7)
Mercer County, New Jersey	504	24.8	2.6	(19.7–29.8)
Middlesex County, New Jersey	633	29.1	2.3	(24.5–33.6)
Monmouth County, New Jersey	564	20.3	2.2	(15.9–24.6)
Morris County, New Jersey	701	20.6	2.0	(16.6–24.5)
Ocean County, New Jersey	534	28.1	2.5	(23.2–33.0)
Passaic County, New Jersey	503	32.0	2.8	(26.5–37.4)
Somerset County, New Jersey	537	22.2	2.2	(17.8–26.5)
Sussex County, New Jersey	502	22.3	2.4	(17.5–27.0)
Union County, New Jersey	521	30.1	2.7	(24.8–35.3)
Warren County, New Jersey	481	24.2	2.5	(19.3–29.1)

See footnotes on page 166.

**TABLE 45. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported no leisure time physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,263	16.4	1.5	(13.4–19.3)
Dona Ana County, New Mexico	504	24.5	2.8	(19.0–29.9)
Sandoval County, New Mexico	521	19.9	3.0	(14.0–25.7)
San Juan County, New Mexico	686	22.9	2.3	(18.3–27.4)
Santa Fe County, New Mexico	610	17.9	2.3	(13.3–22.4)
Valencia County, New Mexico	350	27.7	3.5	(20.8–34.5)
Bronx County, New York	434	31.0	2.8	(25.5–36.4)
Erie County, New York	479	24.6	2.7	(19.3–29.8)
Kings County, New York	909	27.2	1.9	(23.4–30.9)
Monroe County, New York	383	17.8	2.4	(13.0–22.5)
Nassau County, New York	478	21.3	2.3	(16.7–25.8)
New York County, New York	1,038	15.8	1.6	(12.6–18.9)
Queens County, New York	797	25.8	2.0	(21.8–29.7)
Suffolk County, New York	594	23.4	2.4	(18.6–28.1)
Westchester County, New York	384	19.4	2.5	(14.5–24.3)
Buncombe County, North Carolina	263	22.6	3.2	(16.3–28.8)
Cabarrus County, North Carolina	308	23.2	3.1	(17.1–29.2)
Catawba County, North Carolina	294	31.7	3.7	(24.4–38.9)
Durham County, North Carolina	621	19.8	2.2	(15.4–24.1)
Gaston County, North Carolina	267	30.6	4.0	(22.7–38.4)
Guilford County, North Carolina	695	20.5	2.0	(16.5–24.4)
Johnston County, North Carolina	276	33.8	3.6	(26.7–40.8)
Mecklenburg County, North Carolina	609	19.2	2.0	(15.2–23.1)
Orange County, North Carolina	299	15.8	2.3	(11.2–20.3)
Randolph County, North Carolina	398	28.9	3.1	(22.8–34.9)
Union County, North Carolina	349	18.0	2.5	(13.1–22.9)
Wake County, North Carolina	713	16.8	1.7	(13.4–20.1)
Burleigh County, North Dakota	558	17.5	2.1	(13.3–21.6)
Cass County, North Dakota	780	22.8	2.6	(17.7–27.8)
Ward County, North Dakota	465	26.3	2.5	(21.4–31.2)
Cuyahoga County, Ohio	721	23.0	2.0	(19.0–26.9)
Franklin County, Ohio	680	27.6	2.5	(22.7–32.5)
Hamilton County, Ohio	728	25.2	2.3	(20.6–29.7)
Lucas County, Ohio	730	26.3	2.2	(21.9–30.6)
Mahoning County, Ohio	730	26.3	2.2	(21.9–30.6)
Montgomery County, Ohio	703	24.2	2.3	(19.6–28.7)
Stark County, Ohio	716	27.3	2.2	(22.9–31.6)
Summit County, Ohio	703	21.0	2.3	(16.4–25.5)
Cleveland County, Oklahoma	434	21.1	2.5	(16.2–26.0)
Oklahoma County, Oklahoma	1,439	30.8	1.6	(27.6–33.9)
Tulsa County, Oklahoma	1,523	27.7	1.5	(24.7–30.6)
Clackamas County, Oregon	449	14.4	1.9	(10.6–18.1)
Lane County, Oregon	510	18.2	2.3	(13.6–22.7)
Multnomah County, Oregon	816	14.0	1.7	(10.6–17.3)
Washington County, Oregon	586	15.8	2.1	(11.6–19.9)
Allegheny County, Pennsylvania	1,379	23.7	1.4	(20.9–26.4)
Lehigh County, Pennsylvania	283	21.3	2.7	(16.0–26.5)
Luzerne County, Pennsylvania	313	31.0	3.2	(24.7–37.2)
Montgomery County, Pennsylvania	347	18.5	2.6	(13.4–23.5)
Northampton County, Pennsylvania	260	24.7	3.4	(18.0–31.3)
Philadelphia County, Pennsylvania	1,402	30.9	1.8	(27.3–34.4)
Westmoreland County, Pennsylvania	339	27.4	2.9	(21.7–33.0)
Bristol County, Rhode Island	278	20.7	3.2	(14.4–26.9)
Kent County, Rhode Island	940	23.7	1.8	(20.1–27.2)
Newport County, Rhode Island	488	17.4	2.1	(13.2–21.5)
Providence County, Rhode Island	4,144	26.7	1.0	(24.7–28.6)
Washington County, Rhode Island	746	20.0	2.1	(15.8–24.1)
Aiken County, South Carolina	474	26.4	2.6	(21.3–31.4)
Beaufort County, South Carolina	679	17.8	2.0	(13.8–21.7)
Berkeley County, South Carolina	355	NA	NA	NA
Charleston County, South Carolina	669	23.2	2.7	(17.9–28.4)
Greenville County, South Carolina	494	24.5	3.2	(18.2–30.7)
Horry County, South Carolina	554	22.7	2.3	(18.1–27.2)

See footnotes on page 166.

**TABLE 45. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported no leisure time physical activity\* during the preceding month, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	664	28.4	3.2	(22.1–34.6)
Minnehaha County, South Dakota	605	21.1	2.1	(16.9–25.2)
Pennington County, South Dakota	668	23.3	2.1	(19.1–27.4)
Davidson County, Tennessee	417	29.0	3.2	(22.7–35.2)
Hamilton County, Tennessee	387	29.8	3.4	(23.1–36.4)
Knox County, Tennessee	370	24.7	3.3	(18.2–31.1)
Shelby County, Tennessee	393	24.8	3.0	(18.9–30.6)
Sullivan County, Tennessee	461	33.9	3.3	(27.4–40.3)
Bexar County, Texas	971	27.8	2.0	(23.8–31.7)
Dallas County, Texas	392	30.1	3.5	(23.2–36.9)
El Paso County, Texas	871	28.5	2.2	(24.1–32.8)
Fort Bend County, Texas	928	21.9	2.0	(17.9–25.8)
Harris County, Texas	1,459	24.2	1.5	(21.2–27.1)
Hidalgo County, Texas	597	36.0	2.7	(30.7–41.2)
Lubbock County, Texas	756	30.0	2.7	(24.7–35.2)
Midland County, Texas	524	33.3	3.0	(27.4–39.1)
Potter County, Texas	337	31.8	3.4	(25.1–38.4)
Randall County, Texas	459	17.7	2.5	(12.8–22.6)
Smith County, Texas	671	26.0	2.6	(20.9–31.0)
Tarrant County, Texas	602	22.8	2.6	(17.7–27.8)
Travis County, Texas	761	16.5	2.9	(10.8–22.1)
Val Verde County, Texas	558	NA	NA	NA
Webb County, Texas	922	34.2	2.1	(30.0–38.3)
Wichita County, Texas	678	29.3	2.6	(24.2–34.3)
Davis County, Utah	877	14.2	1.4	(11.4–16.9)
Salt Lake County, Utah	3,289	18.3	0.9	(16.5–20.0)
Summit County, Utah	453	14.8	2.7	(9.5–20.0)
Tooele County, Utah	570	20.1	2.2	(15.7–24.4)
Utah County, Utah	1,113	16.1	1.6	(12.9–19.2)
Weber County, Utah	776	19.8	1.9	(16.0–23.5)
Chittenden County, Vermont	1,429	11.7	1.0	(9.7–13.6)
Franklin County, Vermont	486	19.4	1.9	(15.6–23.1)
Orange County, Vermont	358	20.2	2.4	(15.4–24.9)
Rutland County, Vermont	659	22.6	2.1	(18.4–26.7)
Washington County, Vermont	670	16.1	1.9	(12.3–19.8)
Windsor County, Vermont	682	20.8	2.1	(16.6–24.9)
Benton County, Washington	391	19.7	2.5	(14.8–24.6)
Clark County, Washington	1,092	19.5	1.9	(15.7–23.2)
Franklin County, Washington	253	33.6	4.8	(24.1–43.0)
King County, Washington	3,042	15.3	0.9	(13.5–17.0)
Kitsap County, Washington	922	15.3	1.5	(12.3–18.2)
Pierce County, Washington	1,718	19.1	1.3	(16.5–21.6)
Snohomish County, Washington	1,652	18.1	1.3	(15.5–20.6)
Spokane County, Washington	1,217	18.3	1.5	(15.3–21.2)
Thurston County, Washington	775	15.2	1.5	(12.2–18.1)
Yakima County, Washington	741	25.1	2.4	(20.3–29.8)
Kanawha County, West Virginia	490	30.1	2.9	(24.4–35.7)
Milwaukee County, Wisconsin	1,219	26.3	2.5	(21.4–31.2)
Laramie County, Wyoming	913	23.1	1.7	(19.7–26.4)
Natrona County, Wyoming	767	23.2	2.0	(19.2–27.1)
Median		22.8		
Range		8.5–39.0		

Abbreviations: SE = standard error; CI = confidence interval.

\* Any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise.

† Estimate not available (NA) if the unweighted sample size for the denominator was  $<50$  or if the confidence interval half width is  $>10$ .



**TABLE 46. Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,269	37.0	0.8	(35.3–38.6)
Alaska	1,883	40.7	1.8	(37.1–44.3)
Arizona	5,513	39.7	1.2	(37.2–42.1)
Arkansas	3,844	36.3	1.3	(33.8–38.7)
California	16,832	36.9	0.5	(35.9–37.9)
Colorado	11,134	36.2	0.7	(34.9–37.6)
Connecticut	6,430	37.5	0.9	(35.7–39.4)
Delaware	4,021	35.3	1.1	(33.1–37.4)
District of Columbia	3,826	33.8	1.0	(31.8–35.9)
Florida	33,683	37.8	0.6	(36.6–39.0)
Georgia	5,477	35.3	0.9	(33.5–37.2)
Hawaii	6,443	34.1	0.9	(32.3–35.8)
Idaho	6,654	36.0	0.9	(34.3–37.7)
Illinois	5,106	34.5	1.0	(32.6–36.4)
Indiana	9,725	36.2	0.7	(34.8–37.7)
Iowa	5,771	37.1	0.9	(35.4–38.9)
Kansas	8,183	34.4	0.7	(33.0–35.8)
Kentucky	7,666	35.7	1.0	(33.8–37.6)
Louisiana	6,716	34.7	0.8	(33.1–36.4)
Maine	7,826	36.3	0.7	(34.9–37.7)
Maryland	8,689	38.2	0.8	(36.6–39.8)
Massachusetts	15,088	36.5	0.6	(35.3–37.8)
Michigan	8,559	35.1	0.7	(33.6–36.5)
Minnesota	8,454	37.7	1.0	(35.8–39.7)
Mississippi	7,746	34.3	0.8	(32.6–35.9)
Missouri	5,230	34.4	1.1	(32.3–36.5)
Montana	7,108	37.8	1.0	(35.9–39.7)
Nebraska	15,854	37.4	0.8	(35.7–39.0)
Nevada	3,766	37.1	1.4	(34.4–39.9)
New Hampshire	5,815	37.6	0.9	(35.9–39.3)
New Jersey	11,572	36.8	0.7	(35.4–38.1)
New Mexico	6,746	35.1	0.9	(33.3–36.9)
New York	8,495	36.9	0.7	(35.6–38.3)
North Carolina	11,534	36.7	0.7	(35.3–38.2)
North Dakota	4,494	36.8	1.0	(34.8–38.9)
Ohio	9,310	36.0	0.8	(34.4–37.5)
Oklahoma	7,450	36.0	0.7	(34.5–37.4)
Oregon	4,824	33.3	1.0	(31.4–35.2)
Pennsylvania	10,707	36.6	0.7	(35.3–37.9)
Rhode Island	6,337	37.5	0.9	(35.7–39.3)
South Carolina	9,021	35.4	0.9	(33.6–37.3)
South Dakota	6,401	38.0	0.9	(36.2–39.9)
Tennessee	5,435	36.1	1.1	(33.9–38.3)
Texas	17,020	34.8	0.8	(33.3–36.3)
Utah	9,694	34.7	0.7	(33.3–36.1)
Vermont	6,550	34.6	0.8	(33.0–36.1)
Virginia	5,044	34.8	1.3	(32.3–37.4)
Washington	18,571	35.6	0.5	(34.6–36.7)
West Virginia	4,178	35.0	0.9	(33.2–36.9)
Wisconsin	4,495	36.7	1.1	(34.6–38.9)
Wyoming	5,582	38.1	0.9	(36.2–39.9)
Guam	755	32.6	2.1	(28.5–36.7)
Puerto Rico	3,388	38.1	1.1	(35.9–40.3)
Virgin Islands	1,748	36.2	1.5	(33.2–39.2)
Median		36.2		
Range		32.6–40.7		

Abbreviations: SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 25.0$  to  $<30.0$  kg/m<sup>2</sup>.

**TABLE 47. Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	773	32.5	2.7	(27.2–37.7)
Albuquerque, New Mexico	2,127	34.9	1.5	(31.9–37.8)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,033	33.5	2.1	(29.3–37.6)
Amarillo, Texas	807	36.3	2.5	(31.4–41.2)
Arcadia, Florida	477	33.7	4.0	(25.8–41.5)
Asheville, North Carolina	519	35.2	2.9	(29.5–40.8)
Atlanta-Sandy Springs-Marietta, Georgia	2,236	33.9	1.6	(30.7–37.0)
Atlantic City, New Jersey	863	42.5	2.3	(37.9–47.0)
Augusta-Richmond County, Georgia-South Carolina	832	36.8	2.4	(32.0–41.5)
Augusta-Waterville, Maine	630	33.4	2.4	(28.6–38.1)
Austin-Round Rock, Texas	918	37.1	3.5	(30.2–43.9)
Baltimore-Towson, Maryland	3,183	38.4	1.2	(36.0–40.7)
Bangor, Maine	667	35.4	2.4	(30.6–40.1)
Barre, Vermont	647	36.9	2.5	(32.0–41.8)
Baton Rouge, Louisiana	1,153	32.2	1.8	(28.6–35.7)
Bethesda-Gaithersburg-Frederick, Maryland†	1,535	37.3	1.7	(33.9–40.6)
Billings, Montana	523	37.4	3.0	(31.5–43.2)
Birmingham-Hoover, Alabama	1,135	37.0	2.1	(32.8–41.1)
Bismarck, North Dakota	740	36.1	2.4	(31.3–40.8)
Boise City-Nampa, Idaho	1,570	36.6	1.8	(33.0–40.1)
Boston-Quincy, Massachusetts†	3,065	34.8	1.4	(32.0–37.5)
Bremerton-Silverdale, Washington	882	36.3	2.2	(31.9–40.6)
Bridgeport-Stamford-Norwalk, Connecticut	2,074	37.8	1.8	(34.2–41.3)
Buffalo-Cheektowaga-Tonawanda, New York	572	37.5	3.0	(31.6–43.3)
Burlington-South Burlington, Vermont	1,933	36.0	1.5	(33.0–38.9)
Cambridge-Newton-Framingham, Massachusetts†	2,814	35.2	1.5	(32.2–38.1)
Camden, New Jersey†	1,581	35.8	1.7	(32.4–39.1)
Canton-Massillon, Ohio	713	36.3	2.6	(31.2–41.3)
Cape Coral-Fort Myers, Florida	486	34.2	3.2	(27.9–40.4)
Casper, Wyoming	737	37.7	2.6	(32.6–42.7)
Cedar Rapids, Iowa	536	33.5	2.8	(28.0–38.9)
Charleston, West Virginia	718	37.3	2.3	(32.7–41.8)
Charleston-North Charleston, South Carolina	1,105	36.4	2.7	(31.1–41.6)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,621	35.0	1.8	(31.4–38.5)
Chattanooga, Tennessee-Georgia	506	38.6	3.8	(31.1–46.0)
Cheyenne, Wyoming	863	39.2	2.3	(34.6–43.7)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	4,889	34.2	1.1	(32.0–36.3)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,706	34.4	1.9	(30.6–38.1)
Cleveland-Elyria-Mentor, Ohio	1,024	40.9	2.2	(36.5–45.2)
Coeur d'Alene, Idaho	550	39.8	3.1	(33.7–45.8)
Colorado Springs, Colorado	1,114	37.8	1.9	(34.0–41.5)
Columbia, South Carolina	1,098	36.1	2.5	(31.2–41.0)
Columbus, Ohio	1,304	35.0	1.9	(31.2–38.7)
Concord, New Hampshire	616	40.9	2.8	(35.4–46.3)
Dallas-Plano-Irving, Texas†	677	29.8	2.6	(24.7–34.8)
Dayton, Ohio	810	35.3	2.6	(30.2–40.3)
Del Rio, Texas	505	NA <sup>§</sup>	NA	NA
Deltona-Daytona Beach-Ormond Beach, Florida	826	38.0	2.7	(32.7–43.2)
Denver-Aurora, Colorado	4,618	37.4	1.0	(35.4–39.3)
Des Moines-West Des Moines, Iowa	955	38.9	2.0	(34.9–42.8)
Detroit-Livonia-Dearborn, Michigan†	1,840	34.0	1.8	(30.4–37.5)
Dover, Delaware	1,194	38.8	2.1	(34.6–42.9)
Durham, North Carolina	991	32.4	2.3	(27.8–36.9)
Edison, New Jersey†	2,108	37.4	1.5	(34.4–40.3)
El Paso, Texas	813	41.1	2.6	(36.0–46.1)
Eugene-Springfield, Oregon	496	30.1	2.9	(24.4–35.7)
Evansville, Indiana-Kentucky	512	33.7	3.1	(27.6–39.7)
Fargo, North Dakota-Minnesota	787	36.8	4.0	(28.9–44.6)
Farmington, New Mexico	661	31.4	2.5	(26.5–36.3)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	658	37.1	3.2	(30.8–43.3)
Fort Collins-Loveland, Colorado	546	28.5	2.8	(23.0–33.9)
Fort Wayne, Indiana	686	36.0	2.4	(31.2–40.7)
Fort Worth-Arlington, Texas†	696	34.4	2.8	(28.9–39.8)

See footnotes on page 171.

**TABLE 47. Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	920	36.0	3.3	(29.5–42.4)
Grand Island, Nebraska	836	39.9	2.4	(35.1–44.6)
Grand Rapids-Wyoming, Michigan	597	38.7	2.9	(33.0–44.3)
Greensboro-High Point, North Carolina	1,107	38.6	2.5	(33.7–43.5)
Greenville, South Carolina	746	33.9	2.9	(28.2–39.5)
Hagerstown-Martinsburg, Maryland-West Virginia	607	33.6	2.6	(28.5–38.6)
Hartford-West Hartford-East Hartford, Connecticut	1,914	37.9	1.6	(34.7–41.0)
Hastings, Nebraska	568	35.8	2.9	(30.1–41.4)
Helena, Montana	623	39.6	2.8	(34.1–45.0)
Hickory-Morganton-Lenoir, North Carolina	583	41.7	2.7	(36.4–46.9)
Hilo, Hawaii	1,462	33.9	1.7	(30.5–37.2)
Hilton Head Island-Beaufort, South Carolina	766	37.5	2.6	(32.4–42.5)
Homosassa Springs, Florida	509	38.0	3.0	(32.1–43.8)
Honolulu, Hawaii	2,899	34.2	1.2	(31.8–36.5)
Houston-Sugar Land-Baytown, Texas	2,607	34.0	1.5	(31.0–36.9)
Huntington-Ashland, West Virginia-Kentucky-Ohio	626	35.8	2.8	(30.3–41.2)
Idaho Falls, Idaho	637	35.8	2.4	(31.0–40.5)
Indianapolis-Carmel, Indiana	2,145	35.7	1.5	(32.7–38.6)
Jackson, Mississippi	724	33.5	2.3	(28.9–38.0)
Jacksonville, Florida	2,499	35.4	1.9	(31.6–39.1)
Kahului-Wailuku, Hawaii	1,444	35.9	2.0	(31.9–39.8)
Kalispell, Montana	682	41.2	2.5	(36.3–46.1)
Kansas City, Missouri-Kansas	3,245	36.0	1.4	(33.2–38.7)
Kapaa, Hawaii	638	31.8	2.5	(26.9–36.7)
Kennewick-Richland-Pasco, Washington	600	35.1	2.7	(29.8–40.3)
Key West-Marathon, Florida	497	37.1	3.2	(30.8–43.3)
Kingsport-Bristol, Tennessee-Virginia	608	33.4	3.4	(26.7–40.0)
Knoxville, Tennessee	505	34.1	3.2	(27.8–40.3)
Lake City, Florida	538	39.1	3.2	(32.8–45.3)
Lakeland-Winter Haven, Florida	496	33.0	2.8	(27.5–38.4)
Laredo, Texas	837	37.6	2.3	(33.0–42.1)
Las Cruces, New Mexico	471	37.2	3.4	(30.5–43.8)
Las Vegas-Paradise, Nevada	1,234	37.3	1.9	(33.5–41.0)
Lebanon, New Hampshire-Vermont	1,497	34.6	1.7	(31.2–37.9)
Lewiston, Idaho-Washington	573	38.3	2.8	(32.8–43.7)
Lewiston-Auburn, Maine	489	34.9	2.8	(29.4–40.3)
Lincoln, Nebraska	1,110	32.5	2.3	(27.9–37.0)
Little Rock-North Little Rock, Arkansas	776	36.0	2.8	(30.5–41.4)
Los Angeles-Long Beach-Glendale, California†	2,461	38.2	1.3	(35.6–40.7)
Louisville, Kentucky-Indiana	867	35.1	2.3	(30.5–39.6)
Lubbock, Texas	739	32.5	2.6	(27.4–37.5)
Manchester-Nashua, New Hampshire	1,371	35.8	1.8	(32.2–39.3)
McAllen-Edinburg-Mission, Texas	551	35.8	2.8	(30.3–41.2)
Memphis, Tennessee-Mississippi-Arkansas	1,106	35.3	2.8	(29.8–40.7)
Miami-Fort Lauderdale-Miami Beach, Florida	999	37.5	2.2	(33.1–41.8)
Midland, Texas	497	37.6	3.1	(31.5–43.6)
Milwaukee-Waukesha-West Allis, Wisconsin	1,444	35.0	2.2	(30.6–39.3)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,570	36.7	1.4	(33.9–39.4)
Minot, North Dakota	520	40.4	2.7	(35.1–45.6)
Mobile, Alabama	639	33.6	2.8	(28.1–39.0)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	533	41.2	3.1	(35.1–47.2)
Naples-Marco Island, Florida	502	36.4	3.3	(29.9–42.8)
Nashville-Davidson-Murfreesboro, Tennessee	778	37.4	2.7	(32.1–42.6)
Nassau-Suffolk, New York†	1,023	36.8	1.9	(33.0–40.5)
Newark-Union, New Jersey-Pennsylvania†	3,080	37.9	1.4	(35.1–40.6)
New Haven-Milford, Connecticut	1,599	34.9	2.0	(30.9–38.8)
New Orleans-Metairie-Kenner, Louisiana	1,466	37.2	1.8	(33.6–40.7)
New York-White Plains-Wayne, New York-New Jersey†	5,845	37.6	0.9	(35.8–39.3)
Norfolk, Nebraska	646	38.4	2.7	(33.1–43.6)
North Platte, Nebraska	569	34.6	2.9	(28.9–40.2)
North Port-Bradenton-Sarasota, Florida	1,092	36.4	2.1	(32.2–40.5)
Ocala, Florida	568	33.7	2.9	(28.0–39.3)
Ocean City, New Jersey	487	37.6	2.8	(32.1–43.0)

See footnotes on page 171.

**TABLE 47. Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,603	34.2	1.5	(31.2–37.1)
Oklahoma City, Oklahoma	2,391	34.8	1.3	(32.2–37.3)
Olympia, Washington	737	33.7	2.3	(29.1–38.2)
Omaha-Council Bluffs, Nebraska-Iowa	2,275	37.2	1.5	(34.2–40.1)
Orlando-Kissimmee, Florida	2,537	37.4	1.5	(34.4–40.3)
Palm Bay-Melbourne-Titusville, Florida	513	37.4	3.0	(31.5–43.2)
Panama City-Lynn Haven, Florida	526	37.9	3.6	(30.8–44.9)
Peabody, Massachusetts	1,969	36.7	2.1	(32.5–40.8)
Pensacola-Ferry Pass-Brent, Florida	977	35.0	2.2	(30.6–39.3)
Philadelphia, Pennsylvania†	2,261	35.7	1.6	(32.5–38.8)
Phoenix-Mesa-Scottsdale, Arizona	1,608	41.1	2.0	(37.1–45.0)
Pittsburgh, Pennsylvania	2,303	35.7	1.4	(32.9–38.4)
Portland-South Portland-Biddeford, Maine	2,533	38.6	1.3	(36.0–41.1)
Portland-Vancouver-Beaverton, Oregon-Washington	3,228	33.7	1.3	(31.1–36.2)
Port St. Lucie-Fort Pierce, Florida	991	36.5	2.4	(31.7–41.2)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,024	37.9	0.9	(36.1–39.6)
Provo-Orem, Utah	1,117	33.9	2.1	(29.7–38.0)
Raleigh-Cary, North Carolina	963	36.0	2.1	(31.8–40.1)
Rapid City, South Dakota	813	42.2	2.2	(37.8–46.5)
Reno-Sparks, Nevada	1,270	36.8	1.8	(33.2–40.3)
Richmond, Virginia	751	41.1	2.9	(35.4–46.7)
Riverside-San Bernardino-Ontario, California	1,772	36.4	1.6	(33.2–39.5)
Rochester, New York	538	34.5	2.9	(28.8–40.1)
Rockingham County-Strafford County, New Hampshire†	1,551	36.1	1.6	(32.9–39.2)
Rutland, Vermont	628	33.3	2.4	(28.5–38.0)
Sacramento-Arden-Arcade-Roseville, California	1,232	35.1	2.0	(31.1–39.0)
St. Louis, Missouri-Illinois	1,679	33.9	1.9	(30.1–37.6)
Salt Lake City, Utah	4,103	34.6	1.0	(32.6–36.5)
San Antonio, Texas	1,084	33.5	2.1	(29.3–37.6)
San Diego-Carlsbad-San Marcos, California	1,616	32.8	1.5	(29.8–35.7)
San Francisco-Oakland-Fremont, California	2,258	36.9	1.4	(34.1–39.6)
San Jose-Sunnyvale-Santa Clara, California	875	39.1	2.2	(34.7–43.4)
Santa Ana-Anaheim-Irvine, California†	1,362	36.3	1.8	(32.7–39.8)
Santa Fe, New Mexico	587	32.9	2.7	(27.6–38.1)
Scottsbluff, Nebraska	736	39.1	2.7	(33.8–44.3)
Scranton-Wilkes-Barre, Pennsylvania	530	35.7	2.8	(30.2–41.1)
Seaford, Delaware	1,174	37.7	2.1	(33.5–41.8)
Seattle-Bellevue-Everett, Washington†	4,467	34.9	1.0	(32.9–36.8)
Sebring, Florida	498	35.0	3.2	(28.7–41.2)
Shreveport-Bossier City, Louisiana	653	36.3	2.6	(31.2–41.3)
Sioux City, Iowa-Nebraska-South Dakota	1,166	35.7	3.3	(29.2–42.1)
Sioux Falls, South Dakota	794	39.9	2.3	(35.3–44.4)
Spokane, Washington	1,165	39.7	2.1	(35.5–43.8)
Springfield, Massachusetts	1,897	35.0	2.0	(31.0–38.9)
Tacoma, Washington†	1,620	36.5	1.6	(33.3–39.6)
Tallahassee, Florida	1,956	39.9	2.7	(34.6–45.1)
Tampa-St. Petersburg-Clearwater, Florida	1,966	38.2	1.9	(34.4–41.9)
Toledo, Ohio	816	38.6	2.5	(33.7–43.5)
Topeka, Kansas	799	35.0	2.2	(30.6–39.3)
Trenton-Ewing, New Jersey	471	33.6	2.9	(27.9–39.2)
Tucson, Arizona	669	31.8	2.6	(26.7–36.8)
Tulsa, Oklahoma	2,044	36.3	1.5	(33.3–39.2)
Tuscaloosa, Alabama	497	38.0	3.3	(31.5–44.4)
Twin Falls, Idaho	507	33.2	2.8	(27.7–38.6)
Tyler, Texas	642	35.2	3.0	(29.3–41.0)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,033	32.0	2.3	(27.4–36.5)
Warren-Troy-Farmington Hills, Michigan†	1,743	35.2	1.7	(31.8–38.5)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,143	37.0	1.8	(33.4–40.5)
Wauchula, Florida	494	40.6	4.1	(32.5–48.6)
West Palm Beach-Boca Raton-Boynton Beach, Florida*	532	40.1	3.1	(34.0–46.1)
Wichita, Kansas	1,769	34.4	1.6	(31.2–37.5)
Wichita Falls, Texas	792	39.2	2.9	(33.5–44.8)
Wilmington, Delaware-Maryland-New Jersey†	2,098	34.2	1.4	(31.4–36.9)

See footnotes on page 171.

**TABLE 47. Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	1,953	35.8	2.0	(31.8–39.7)
Yakima, Washington	677	37.0	2.6	(31.9–42.0)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,010	35.5	2.8	(30.0–40.9)
Median		36.0		
Range		28.5–42.5		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 25.0$  to  $<30.0$  kg/m<sup>2</sup>.

† Metropolitan division.

§ Estimate not available (NA) if the unweighted sample size for the denominator was  $<50$  or if the confidence interval half width is  $>10$ .

**TABLE 48. Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	567	37.9	2.7	(32.6–43.1)
Mobile County, Alabama	639	33.6	2.8	(28.1–39.0)
Tuscaloosa County, Alabama	417	38.5	3.4	(31.8–45.1)
Maricopa County, Arizona	1,243	41.5	2.1	(37.3–45.6)
Pima County, Arizona	669	31.8	2.6	(26.7–36.8)
Pinal County, Arizona	365	37.0	4.8	(27.5–46.4)
Benton County, Arkansas	342	39.0	4.1	(30.9–47.0)
Pulaski County, Arkansas	528	30.6	3.5	(23.7–37.4)
Washington County, Arkansas	277	36.4	4.3	(27.9–44.8)
Alameda County, California	728	36.9	2.3	(32.3–41.4)
Contra Costa County, California	601	36.3	2.7	(31.0–41.5)
Los Angeles County, California	2,461	38.2	1.3	(35.6–40.7)
Orange County, California	1,362	36.3	1.8	(32.7–39.8)
Placer County, California	242	36.3	4.1	(28.2–44.3)
Riverside County, California	878	37.2	2.2	(32.8–41.5)
Sacramento County, California	715	36.4	2.4	(31.6–41.1)
San Bernardino County, California	894	35.9	2.2	(31.5–40.2)
San Diego County, California	1,616	32.8	1.5	(29.8–35.7)
San Francisco County, California	371	35.1	3.3	(28.6–41.5)
San Mateo County, California	363	36.2	3.2	(29.9–42.4)
Santa Clara County, California	839	38.7	2.2	(34.3–43.0)
Adams County, Colorado	772	40.5	2.6	(35.4–45.5)
Arapahoe County, Colorado	828	37.9	2.3	(33.3–42.4)
Denver County, Colorado	829	36.5	2.4	(31.7–41.2)
Douglas County, Colorado	556	36.6	2.6	(31.5–41.6)
El Paso County, Colorado	987	37.6	2.0	(33.6–41.5)
Jefferson County, Colorado	1,123	35.8	2.0	(31.8–39.7)
Larimer County, Colorado	546	28.5	2.8	(23.0–33.9)
Fairfield County, Connecticut	2,074	37.8	1.8	(34.2–41.3)
Hartford County, Connecticut	1,421	37.7	1.8	(34.1–41.2)
Middlesex County, Connecticut	248	39.3	3.8	(31.8–46.7)
New Haven County, Connecticut	1,599	34.9	2.0	(30.9–38.8)
Tolland County, Connecticut	245	46.4	4.1	(38.3–54.4)
Kent County, Delaware	1,194	38.8	2.1	(34.6–42.9)
New Castle County, Delaware	1,653	33.3	1.5	(30.3–36.2)
Sussex County, Delaware	1,174	37.7	2.1	(33.5–41.8)
District of Columbia, District of Columbia	3,826	32.9	1.2	(30.5–35.2)
Alachua County, Florida	514	36.4	3.5	(29.5–43.2)
Baker County, Florida	491	28.9	3.8	(21.4–36.3)
Bay County, Florida	526	37.9	3.6	(30.8–44.9)
Brevard County, Florida	513	37.4	3.0	(31.5–43.2)
Broward County, Florida	511	36.4	2.9	(30.7–42.0)
Citrus County, Florida	509	38.0	3.0	(32.1–43.8)
Clay County, Florida	460	41.6	3.1	(35.5–47.6)
Collier County, Florida	502	36.4	3.3	(29.9–42.8)
Columbia County, Florida	538	39.1	3.2	(32.8–45.3)
DeSoto County, Florida	477	33.7	4.0	(25.8–41.5)
Duval County, Florida	526	34.3	2.7	(29.0–39.5)
Escambia County, Florida	498	34.4	3.1	(28.3–40.4)
Gadsden County, Florida	486	39.9	3.4	(33.2–46.5)
Gilchrist County, Florida	406	NA†	NA	NA
Hardee County, Florida	494	40.6	4.1	(32.5–48.6)
Hernando County, Florida	468	37.3	3.2	(31.0–43.5)
Highlands County, Florida	498	35.0	3.2	(28.7–41.2)
Hillsborough County, Florida	495	39.3	3.2	(33.0–45.5)
Jefferson County, Florida	477	31.2	3.5	(24.3–38.0)
Lake County, Florida	578	38.4	2.8	(32.9–43.8)
Lee County, Florida	486	34.2	3.2	(27.9–40.4)
Leon County, Florida	482	40.7	3.4	(34.0–47.3)
Manatee County, Florida	505	36.7	3.1	(30.6–42.7)
Marion County, Florida	568	33.7	2.9	(28.0–39.3)
Martin County, Florida	508	39.7	3.1	(33.6–45.7)
Miami-Dade County, Florida	488	38.3	3.1	(32.2–44.3)

See footnotes on page 176.



**TABLE 48. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	497	37.1	3.2	(30.8–43.3)
Nassau County, Florida	513	34.2	4.0	(26.3–42.0)
Orange County, Florida	959	35.7	2.2	(31.3–40.0)
Osceola County, Florida	531	40.2	3.1	(34.1–46.2)
Palm Beach County, Florida	532	40.1	3.1	(34.0–46.1)
Pasco County, Florida	520	37.6	3.3	(31.1–44.0)
Pinellas County, Florida	483	40.1	3.1	(34.0–46.1)
Polk County, Florida	496	33.0	2.8	(27.5–38.4)
St. Johns County, Florida	509	38.5	2.9	(32.8–44.1)
St. Lucie County, Florida	483	36.0	2.9	(30.3–41.6)
Santa Rosa County, Florida	479	33.3	2.8	(27.8–38.7)
Sarasota County, Florida	587	36.8	2.8	(31.3–42.2)
Seminole County, Florida	469	36.8	3.0	(30.9–42.6)
Volusia County, Florida	826	38.0	2.7	(32.7–43.2)
Wakulla County, Florida	511	38.7	3.7	(31.4–45.9)
Cobb County, Georgia	242	37.4	3.9	(29.7–45.0)
DeKalb County, Georgia	325	32.1	3.4	(25.4–38.7)
Fulton County, Georgia	317	32.5	3.7	(25.2–39.7)
Gwinnett County, Georgia	235	37.9	3.9	(30.2–45.5)
Hawaii County, Hawaii	1,462	33.9	1.7	(30.5–37.2)
Honolulu County, Hawaii	2,899	34.2	1.2	(31.8–36.5)
Kauai County, Hawaii	638	31.8	2.5	(26.9–36.7)
Maui County, Hawaii	1,444	35.9	2.0	(31.9–39.8)
Ada County, Idaho	819	33.2	2.3	(28.6–37.7)
Bonneville County, Idaho	496	34.3	2.7	(29.0–39.5)
Canyon County, Idaho	583	41.3	2.9	(35.6–46.9)
Kootenai County, Idaho	550	39.8	3.1	(33.7–45.8)
Nez Perce County, Idaho	363	40.1	3.5	(33.2–46.9)
Twin Falls County, Idaho	404	34.3	3.1	(28.2–40.3)
Cook County, Illinois	2,831	34.2	1.3	(31.6–36.7)
DuPage County, Illinois	255	33.9	3.6	(26.8–40.9)
Allen County, Indiana	557	35.7	2.7	(30.4–40.9)
Lake County, Indiana	954	38.9	3.0	(33.0–44.7)
Marion County, Indiana	1,383	34.8	2.1	(30.6–38.9)
Linn County, Iowa	475	31.8	2.7	(26.5–37.0)
Polk County, Iowa	728	38.9	2.4	(34.1–43.6)
Johnson County, Kansas	1,367	35.3	1.6	(32.1–38.4)
Sedgwick County, Kansas	1,379	34.8	1.7	(31.4–38.1)
Shawnee County, Kansas	596	34.7	2.6	(29.6–39.7)
Wyandotte County, Kansas	568	29.5	2.7	(24.2–34.7)
Jefferson County, Kentucky	391	37.6	3.2	(31.3–43.8)
Caddo Parish, Louisiana	426	38.3	3.1	(32.2–44.3)
East Baton Rouge Parish, Louisiana	700	32.1	2.3	(27.5–36.6)
Jefferson Parish, Louisiana	566	35.0	2.6	(29.9–40.0)
Orleans Parish, Louisiana	360	32.6	3.2	(26.3–38.8)
St. Tammany Parish, Louisiana	352	39.1	3.6	(32.0–46.1)
Androscoggin County, Maine	489	34.9	2.8	(29.4–40.3)
Cumberland County, Maine	1,334	40.4	1.9	(36.6–44.1)
Kennebec County, Maine	630	33.4	2.4	(28.6–38.1)
Penobscot County, Maine	667	35.4	2.4	(30.6–40.1)
Sagadahoc County, Maine	287	42.9	3.6	(35.8–49.9)
York County, Maine	912	36.4	2.0	(32.4–40.3)
Anne Arundel County, Maryland	579	38.3	2.6	(33.2–43.3)
Baltimore County, Maryland	991	38.5	2.1	(34.3–42.6)
Cecil County, Maryland	259	35.2	3.7	(27.9–42.4)
Charles County, Maryland	331	38.4	3.3	(31.9–44.8)
Frederick County, Maryland	537	39.0	2.8	(33.5–44.4)
Harford County, Maryland	268	38.0	3.7	(30.7–45.2)
Howard County, Maryland	331	37.6	3.5	(30.7–44.4)
Montgomery County, Maryland	998	36.9	2.0	(32.9–40.8)
Prince George's County, Maryland	746	40.5	2.5	(35.6–45.4)
Queen Anne's County, Maryland	280	37.7	3.6	(30.6–44.7)
Washington County, Maryland	378	34.5	3.2	(28.2–40.7)

See footnotes on page 176.

**TABLE 48. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	510	41.2	3.1	(35.1–47.2)
Bristol County, Massachusetts	2,687	38.8	2.1	(34.6–42.9)
Essex County, Massachusetts	1,969	36.8	2.3	(32.2–41.3)
Hampden County, Massachusetts	1,469	36.3	2.4	(31.5–41.0)
Hampshire County, Massachusetts	257	33.6	4.2	(25.3–41.8)
Middlesex County, Massachusetts	2,814	35.3	1.6	(32.1–38.4)
Norfolk County, Massachusetts	798	35.4	2.2	(31.0–39.7)
Plymouth County, Massachusetts	633	34.8	2.7	(29.5–40.0)
Suffolk County, Massachusetts	1,634	33.3	2.1	(29.1–37.4)
Worcester County, Massachusetts	1,953	35.8	2.0	(31.8–39.7)
Kent County, Michigan	426	38.2	3.4	(31.5–44.8)
Macomb County, Michigan	503	35.4	2.8	(29.9–40.8)
Oakland County, Michigan	907	34.0	2.2	(29.6–38.3)
Wayne County, Michigan	1,840	34.0	1.8	(30.4–37.5)
Anoka County, Minnesota	363	36.2	3.5	(29.3–43.0)
Dakota County, Minnesota	548	39.1	3.0	(33.2–44.9)
Hennepin County, Minnesota	1,929	38.4	2.1	(34.2–42.5)
Ramsey County, Minnesota	864	35.5	4.0	(27.6–43.3)
Washington County, Minnesota	238	38.3	4.2	(30.0–46.5)
DeSoto County, Mississippi	356	34.7	3.7	(27.4–41.9)
Hinds County, Mississippi	325	33.3	3.7	(26.0–40.5)
Jackson County, Missouri	510	35.7	2.9	(30.0–41.3)
St. Louis County, Missouri	579	33.1	3.2	(26.8–39.3)
St. Louis city, Missouri	617	30.8	2.9	(25.1–36.4)
Flathead County, Montana	682	41.2	2.5	(36.3–46.1)
Lewis and Clark County, Montana	516	38.8	2.8	(33.3–44.2)
Yellowstone County, Montana	473	36.8	3.2	(30.5–43.0)
Adams County, Nebraska	460	36.0	3.2	(29.7–42.2)
Dakota County, Nebraska	710	40.4	2.5	(35.5–45.3)
Douglas County, Nebraska	916	37.0	2.2	(32.6–41.3)
Hall County, Nebraska	567	42.1	2.9	(36.4–47.7)
Lancaster County, Nebraska	829	32.0	2.4	(27.2–36.7)
Lincoln County, Nebraska	537	34.6	3.0	(28.7–40.4)
Madison County, Nebraska	444	39.8	3.4	(33.1–46.4)
Sarpy County, Nebraska	558	40.6	3.1	(34.5–46.6)
Scotts Bluff County, Nebraska	713	40.4	2.8	(34.9–45.8)
Seward County, Nebraska	281	38.1	4.2	(29.8–46.3)
Clark County, Nevada	1,234	37.3	1.9	(33.5–41.0)
Washoe County, Nevada	1,250	36.6	1.8	(33.0–40.1)
Grafton County, New Hampshire	501	33.7	2.8	(28.2–39.1)
Hillsborough County, New Hampshire	1,371	35.8	1.8	(32.2–39.3)
Merrimack County, New Hampshire	616	40.9	2.8	(35.4–46.3)
Rockingham County, New Hampshire	978	36.4	2.0	(32.4–40.3)
Strafford County, New Hampshire	573	36.6	2.8	(31.1–42.0)
Atlantic County, New Jersey	863	42.5	2.3	(37.9–47.0)
Bergen County, New Jersey	579	33.4	2.5	(28.5–38.3)
Burlington County, New Jersey	530	34.7	2.8	(29.2–40.1)
Camden County, New Jersey	564	36.6	2.9	(30.9–42.2)
Cape May County, New Jersey	487	37.6	2.8	(32.1–43.0)
Essex County, New Jersey	948	36.9	2.1	(32.7–41.0)
Gloucester County, New Jersey	487	38.9	2.9	(33.2–44.5)
Hudson County, New Jersey	1,025	34.8	1.9	(31.0–38.5)
Hunterdon County, New Jersey	474	42.2	3.0	(36.3–48.0)
Mercer County, New Jersey	471	33.6	2.9	(27.9–39.2)
Middlesex County, New Jersey	590	37.3	2.6	(32.2–42.3)
Monmouth County, New Jersey	519	40.1	2.9	(34.4–45.7)
Morris County, New Jersey	649	40.4	2.6	(35.3–45.4)
Ocean County, New Jersey	490	41.5	2.9	(35.8–47.1)
Passaic County, New Jersey	474	37.2	3.0	(31.3–43.0)
Somerset County, New Jersey	509	35.7	2.6	(30.6–40.7)
Sussex County, New Jersey	468	38.6	2.9	(32.9–44.2)
Union County, New Jersey	483	44.6	3.0	(38.7–50.4)
Warren County, New Jersey	451	36.9	3.1	(30.8–42.9)

See footnotes on page 176.

**TABLE 48. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,223	33.7	1.9	(29.9–37.4)
Dona Ana County, New Mexico	471	37.2	3.4	(30.5–43.8)
Sandoval County, New Mexico	503	37.1	3.2	(30.8–43.3)
San Juan County, New Mexico	661	31.4	2.5	(26.5–36.3)
Santa Fe County, New Mexico	587	32.9	2.7	(27.6–38.1)
Valencia County, New Mexico	342	42.7	3.8	(35.2–50.1)
Bronx County, New York	410	43.2	3.2	(36.9–49.4)
Erie County, New York	452	37.6	3.2	(31.3–43.8)
Kings County, New York	862	36.7	2.3	(32.1–41.2)
Monroe County, New York	360	36.1	3.5	(29.2–42.9)
Nassau County, New York	456	39.2	2.9	(33.5–44.8)
New York County, New York	992	35.1	2.3	(30.5–39.6)
Queens County, New York	755	43.3	2.5	(38.4–48.2)
Suffolk County, New York	567	33.3	2.5	(28.4–38.2)
Westchester County, New York	364	44.0	3.3	(37.5–50.4)
Buncombe County, North Carolina	245	32.3	3.8	(24.8–39.7)
Cabarrus County, North Carolina	297	32.3	3.5	(25.4–39.1)
Catawba County, North Carolina	286	45.7	3.9	(38.0–53.3)
Durham County, North Carolina	596	33.0	2.7	(27.7–38.2)
Gaston County, North Carolina	254	37.3	3.9	(29.6–44.9)
Guilford County, North Carolina	656	34.5	2.6	(29.4–39.5)
Johnston County, North Carolina	255	38.5	3.8	(31.0–45.9)
Mecklenburg County, North Carolina	569	34.5	2.9	(28.8–40.1)
Orange County, North Carolina	282	35.6	3.8	(28.1–43.0)
Randolph County, North Carolina	383	44.4	3.5	(37.5–51.2)
Union County, North Carolina	330	38.3	3.8	(30.8–45.7)
Wake County, North Carolina	671	36.3	2.5	(31.4–41.2)
Burleigh County, North Dakota	536	36.3	2.9	(30.6–41.9)
Cass County, North Dakota	733	34.6	2.8	(29.1–40.0)
Ward County, North Dakota	434	41.2	3.0	(35.3–47.0)
Cuyahoga County, Ohio	670	36.2	2.5	(31.3–41.1)
Franklin County, Ohio	643	32.5	2.6	(27.4–37.5)
Hamilton County, Ohio	685	33.1	2.6	(28.0–38.1)
Lucas County, Ohio	691	38.5	2.6	(33.4–43.5)
Mahoning County, Ohio	696	38.3	2.9	(32.6–43.9)
Montgomery County, Ohio	665	37.0	2.6	(31.9–42.0)
Stark County, Ohio	683	35.7	2.5	(30.8–40.6)
Summit County, Ohio	670	32.6	2.9	(26.9–38.2)
Cleveland County, Oklahoma	423	38.2	3.1	(32.1–44.2)
Oklahoma County, Oklahoma	1,384	34.5	1.7	(31.1–37.8)
Tulsa County, Oklahoma	1,440	36.1	1.7	(32.7–39.4)
Clackamas County, Oregon	427	34.9	3.1	(28.8–40.9)
Lane County, Oregon	496	30.1	2.9	(24.4–35.7)
Multnomah County, Oregon	778	30.2	2.2	(25.8–34.5)
Washington County, Oregon	551	39.2	2.8	(33.7–44.6)
Allegheny County, Pennsylvania	1,315	33.3	1.8	(29.7–36.8)
Lehigh County, Pennsylvania	273	34.9	3.3	(28.4–41.3)
Luzerne County, Pennsylvania	298	33.0	3.7	(25.7–40.2)
Montgomery County, Pennsylvania	330	35.7	3.5	(28.8–42.5)
Northampton County, Pennsylvania	247	35.0	4.6	(25.9–44.0)
Philadelphia County, Pennsylvania	1,337	35.3	1.8	(31.7–38.8)
Westmoreland County, Pennsylvania	322	39.9	3.4	(33.2–46.5)
Bristol County, Rhode Island	266	39.6	3.8	(32.1–47.0)
Kent County, Rhode Island	901	39.4	2.2	(35.0–43.7)
Newport County, Rhode Island	474	40.1	3.0	(34.2–45.9)
Providence County, Rhode Island	3,971	37.0	1.2	(34.6–39.3)
Washington County, Rhode Island	725	38.1	2.6	(33.0–43.1)
Aiken County, South Carolina	457	35.8	2.9	(30.1–41.4)
Beaufort County, South Carolina	649	39.0	2.8	(33.5–44.4)
Berkeley County, South Carolina	341	30.0	4.5	(21.1–38.8)
Charleston County, South Carolina	644	36.7	3.4	(30.0–43.3)
Greenville County, South Carolina	474	33.2	3.2	(26.9–39.4)
Horry County, South Carolina	533	41.2	3.1	(35.1–47.2)

See footnotes on page 176.

**TABLE 48. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who are overweight,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	642	34.2	3.5	(27.3–41.0)
Minnehaha County, South Dakota	573	39.5	2.8	(34.0–44.9)
Pennington County, South Dakota	639	42.7	2.5	(37.8–47.6)
Davidson County, Tennessee	388	33.6	3.8	(26.1–41.0)
Hamilton County, Tennessee	359	37.3	3.7	(30.0–44.5)
Knox County, Tennessee	355	33.1	3.5	(26.2–39.9)
Shelby County, Tennessee	375	38.0	4.0	(30.1–45.8)
Sullivan County, Tennessee	437	36.5	3.4	(29.8–43.1)
Bexar County, Texas	932	34.0	2.2	(29.6–38.3)
Dallas County, Texas	367	27.2	3.4	(20.5–33.8)
El Paso County, Texas	813	41.1	2.6	(36.0–46.1)
Fort Bend County, Texas	887	36.3	2.2	(31.9–40.6)
Harris County, Texas	1,384	33.9	1.8	(30.3–37.4)
Hidalgo County, Texas	551	35.8	2.8	(30.3–41.2)
Lubbock County, Texas	717	33.0	2.6	(27.9–38.0)
Midland County, Texas	497	37.6	3.1	(31.5–43.6)
Potter County, Texas	329	34.0	3.4	(27.3–40.6)
Randall County, Texas	447	39.5	3.6	(32.4–46.5)
Smith County, Texas	642	35.2	3.0	(29.3–41.0)
Tarrant County, Texas	570	34.5	3.1	(28.4–40.5)
Travis County, Texas	715	38.5	4.6	(29.4–47.5)
Val Verde County, Texas	505	NA	NA	NA
Webb County, Texas	837	37.6	2.3	(33.0–42.1)
Wichita County, Texas	646	37.2	3.2	(30.9–43.4)
Davis County, Utah	833	37.5	2.1	(33.3–41.6)
Salt Lake County, Utah	3,122	34.1	1.1	(31.9–36.2)
Summit County, Utah	435	36.5	3.1	(30.4–42.5)
Tooele County, Utah	546	40.4	2.9	(34.7–46.0)
Utah County, Utah	1,059	33.7	2.1	(29.5–37.8)
Weber County, Utah	728	28.5	2.0	(24.5–32.4)
Chittenden County, Vermont	1,384	35.8	1.8	(32.2–39.3)
Franklin County, Vermont	471	38.4	2.7	(33.1–43.6)
Orange County, Vermont	345	35.1	3.2	(28.8–41.3)
Rutland County, Vermont	628	33.3	2.4	(28.5–38.0)
Washington County, Vermont	647	36.9	2.5	(32.0–41.8)
Windsor County, Vermont	651	34.1	2.4	(29.3–38.8)
Benton County, Washington	372	33.8	3.1	(27.7–39.8)
Clark County, Washington	1,030	33.5	2.2	(29.1–37.8)
Franklin County, Washington	228	41.6	4.7	(32.3–50.8)
King County, Washington	2,911	34.1	1.2	(31.7–36.4)
Kitsap County, Washington	882	36.3	2.2	(31.9–40.6)
Pierce County, Washington	1,620	37.0	1.6	(33.8–40.1)
Snohomish County, Washington	1,556	36.8	1.6	(33.6–39.9)
Spokane County, Washington	1,165	39.7	2.1	(35.5–43.8)
Thurston County, Washington	737	33.7	2.3	(29.1–38.2)
Yakima County, Washington	677	37.0	2.6	(31.9–42.0)
Kanawha County, West Virginia	459	34.2	2.9	(28.5–39.8)
Milwaukee County, Wisconsin	1,140	37.5	2.8	(32.0–42.9)
Laramie County, Wyoming	863	39.2	2.3	(34.6–43.7)
Natrona County, Wyoming	737	37.7	2.6	(32.6–42.7)
Median		36.6		
Range		27.2–46.4		

Abbreviations: SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 25.0$  to  $< 30.0$  kg/m<sup>2</sup>.† Estimate not available (NA) if the unweighted sample size for the denominator was  $< 50$  or if the confidence interval half width is  $> 10$ .

**TABLE 49. Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,211	33.5	0.8	(31.9–35.1)
Alaska	1,862	25.6	1.6	(22.5–28.7)
Arizona	5,464	25.6	1.1	(23.4–27.8)
Arkansas	3,801	31.7	1.2	(29.4–34.0)
California	16,591	25.4	0.5	(24.5–26.3)
Colorado	11,026	22.1	0.6	(20.9–23.3)
Connecticut	6,384	23.4	0.8	(21.9–24.9)
Delaware	3,980	29.3	1.0	(27.3–31.3)
District of Columbia	3,809	22.5	0.9	(20.7–24.3)
Florida	33,433	27.5	0.6	(26.3–28.7)
Georgia	5,456	30.7	0.9	(28.9–32.5)
Hawaii	6,371	23.6	0.8	(21.9–25.3)
Idaho	6,579	27.7	0.8	(26.1–29.3)
Illinois	5,040	29.3	1.0	(27.4–31.2)
Indiana	9,628	30.9	0.7	(29.5–32.3)
Iowa	5,722	29.5	0.8	(27.9–31.1)
Kansas	8,111	31.0	0.7	(29.6–32.4)
Kentucky	7,602	32.4	0.9	(30.6–34.2)
Louisiana	6,655	32.4	0.8	(30.8–34.0)
Maine	7,759	28.1	0.7	(26.8–29.4)
Maryland	8,624	28.7	0.7	(27.2–30.2)
Massachusetts	15,000	23.8	0.6	(22.7–24.9)
Michigan	8,441	32.6	0.7	(31.2–34.0)
Minnesota	8,412	25.5	0.9	(23.8–27.2)
Mississippi	7,685	35.0	0.8	(33.4–36.6)
Missouri	5,168	32.1	1.1	(30.0–34.2)
Montana	7,048	24.5	0.8	(22.9–26.1)
Nebraska	15,708	28.3	0.8	(26.8–29.8)
Nevada	3,724	23.5	1.2	(21.1–25.9)
New Hampshire	5,781	26.1	0.8	(24.5–27.7)
New Jersey	11,493	25.2	0.6	(24.0–26.4)
New Mexico	6,676	26.1	0.8	(24.4–27.8)
New York	8,413	25.0	0.6	(23.8–26.2)
North Carolina	11,428	29.0	0.7	(27.7–30.3)
North Dakota	4,443	28.7	0.9	(27.0–30.4)
Ohio	9,255	29.9	0.7	(28.5–31.3)
Oklahoma	7,379	31.8	0.7	(30.4–33.2)
Oregon	4,794	28.5	1.0	(26.6–30.4)
Pennsylvania	10,640	29.5	0.6	(28.3–30.7)
Rhode Island	6,297	26.5	0.8	(24.9–28.1)
South Carolina	8,943	32.2	1.0	(30.3–34.1)
South Dakota	6,338	28.7	0.8	(27.1–30.3)
Tennessee	5,410	32.0	1.0	(30.0–34.0)
Texas	16,834	32.2	0.8	(30.7–33.7)
Utah	9,522	24.3	0.6	(23.1–25.5)
Vermont	6,487	24.6	0.7	(23.2–26.0)
Virginia	5,026	26.8	1.1	(24.7–28.9)
Washington	18,382	26.9	0.5	(25.9–27.9)
West Virginia	4,154	33.4	1.0	(31.5–35.3)
Wisconsin	4,446	27.6	1.0	(25.6–29.6)
Wyoming	5,529	26.8	0.8	(25.2–28.4)
Guam	726	29.0	2.2	(24.7–33.3)
Puerto Rico	3,334	28.4	1.1	(26.3–30.5)
Virgin Islands	1,714	30.9	1.5	(27.9–33.9)
Median		28.5		
Range		22.1–35.0		

**Abbreviations:** SE = standard error; CI = confidence interval.\* Body mass index  $\geq 30.0$  kg/m<sup>2</sup>.

**TABLE 50. Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	771	29.6	2.7	(24.4–34.8)
Albuquerque, New Mexico	2,105	22.4	1.4	(19.6–25.2)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,029	29.5	2.1	(25.4–33.6)
Amarillo, Texas	797	30.4	2.4	(25.7–35.1)
Arcadia, Florida	473	35.9	4.3	(27.4–44.4)
Asheville, North Carolina	516	27.4	3.1	(21.4–33.4)
Atlanta-Sandy Springs-Marietta, Georgia	2,229	29.0	1.5	(26.0–32.0)
Atlantic City, New Jersey	858	27.0	2.0	(23.1–30.9)
Augusta-Richmond County, Georgia-South Carolina	826	31.8	2.4	(27.0–36.6)
Augusta-Waterville, Maine	627	30.1	2.5	(25.2–35.0)
Austin-Round Rock, Texas	912	28.1	3.6	(21.1–35.1)
Baltimore-Towson, Maryland	3,158	28.8	1.1	(26.6–31.0)
Bangor, Maine	662	34.0	2.3	(29.5–38.5)
Barre, Vermont	644	22.2	2.1	(18.1–26.3)
Baton Rouge, Louisiana	1,134	34.1	1.9	(30.4–37.8)
Bethesda-Gaithersburg-Frederick, Maryland†	1,525	20.4	1.5	(17.5–23.3)
Billings, Montana	518	28.1	2.6	(23.0–33.2)
Birmingham-Hoover, Alabama	1,122	29.8	1.8	(26.2–33.4)
Bismarck, North Dakota	729	26.0	2.0	(22.1–29.9)
Boise City-Nampa, Idaho	1,548	26.2	1.5	(23.2–29.2)
Boston-Quincy, Massachusetts†	3,052	21.6	1.1	(19.5–23.7)
Bremerton-Silverdale, Washington	870	30.3	2.0	(26.3–34.3)
Bridgeport-Stamford-Norwalk, Connecticut	2,059	17.1	1.3	(14.6–19.6)
Buffalo-Cheektowaga-Tonawanda, New York	566	26.0	2.4	(21.3–30.7)
Burlington-South Burlington, Vermont	1,907	22.4	1.2	(20.1–24.7)
Cambridge-Newton-Framingham, Massachusetts†	2,791	21.1	1.2	(18.8–23.4)
Camden, New Jersey†	1,574	29.5	1.6	(26.3–32.7)
Canton-Massillon, Ohio	713	28.3	2.2	(24.0–32.6)
Cape Coral-Fort Myers, Florida	482	26.8	2.9	(21.1–32.5)
Casper, Wyoming	733	28.4	2.3	(23.9–32.9)
Cedar Rapids, Iowa	532	26.5	2.6	(21.3–31.7)
Charleston, West Virginia	717	32.5	2.4	(27.7–37.3)
Charleston-North Charleston, South Carolina	1,092	29.0	2.5	(24.0–34.0)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,600	28.7	1.7	(25.4–32.0)
Chattanooga, Tennessee-Georgia	503	31.8	3.2	(25.6–38.0)
Cheyenne, Wyoming	857	27.5	2.1	(23.4–31.6)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	4,832	27.5	1.1	(25.4–29.6)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,692	28.9	1.7	(25.6–32.2)
Cleveland-Elyria-Mentor, Ohio	1,017	24.5	1.7	(21.1–27.9)
Coeur d'Alene, Idaho	547	25.2	2.8	(19.7–30.7)
Colorado Springs, Colorado	1,096	24.7	1.8	(21.2–28.2)
Columbia, South Carolina	1,090	31.4	2.4	(26.7–36.1)
Columbus, Ohio	1,296	30.9	1.9	(27.2–34.6)
Concord, New Hampshire	615	22.7	2.4	(18.0–27.4)
Dallas-Plano-Irving, Texas*	674	34.4	2.9	(28.6–40.2)
Dayton, Ohio	804	29.9	2.6	(24.9–34.9)
Del Rio, Texas	499	37.2	3.3	(30.8–43.6)
Deltona-Daytona Beach-Ormond Beach, Florida	822	27.9	2.7	(22.7–33.1)
Denver-Aurora, Colorado	4,571	20.3	0.8	(18.7–21.9)
Des Moines-West Des Moines, Iowa	946	26.4	1.8	(22.9–29.9)
Detroit-Livonia-Dearborn, Michigan†	1,808	34.4	1.7	(31.0–37.8)
Dover, Delaware	1,182	32.6	1.8	(29.0–36.2)
Durham, North Carolina	987	25.0	1.9	(21.2–28.8)
Edison, New Jersey†	2,094	24.2	1.3	(21.6–26.8)
El Paso, Texas	801	28.9	2.1	(24.7–33.1)
Eugene-Springfield, Oregon	490	31.6	3.4	(24.9–38.3)
Evansville, Indiana-Kentucky	508	30.2	3.0	(24.3–36.1)
Fargo, North Dakota-Minnesota	779	26.6	3.0	(20.6–32.6)
Farmington, New Mexico	653	34.0	2.9	(28.3–39.7)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	650	24.9	2.6	(19.9–29.9)
Fort Collins-Loveland, Colorado	540	22.9	3.0	(17.0–28.8)
Fort Wayne, Indiana	679	34.0	2.3	(29.5–38.5)
Fort Worth-Arlington, Texas†	691	32.2	2.7	(26.9–37.5)

See footnotes on page 181.



**TABLE 50. (Continued) Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	908	20.7	2.6	(15.5–25.9)
Grand Island, Nebraska	826	29.3	2.2	(25.0–33.6)
Grand Rapids-Wyoming, Michigan	587	29.0	2.4	(24.4–33.6)
Greensboro-High Point, North Carolina	1,097	28.9	2.0	(24.9–32.9)
Greenville, South Carolina	740	35.1	3.3	(28.7–41.5)
Hagerstown-Martinsburg, Maryland-West Virginia	601	33.1	2.9	(27.4–38.8)
Hartford-West Hartford-East Hartford, Connecticut	1,903	24.1	1.4	(21.4–26.8)
Hastings, Nebraska	565	31.2	2.9	(25.5–36.9)
Helena, Montana	619	21.8	2.5	(17.0–26.6)
Hickory-Morganton-Lenoir, North Carolina	578	25.7	2.3	(21.2–30.2)
Hilo, Hawaii	1,449	27.1	1.7	(23.8–30.4)
Hilton Head Island-Beaufort, South Carolina	762	23.0	2.1	(18.9–27.1)
Homosassa Springs, Florida	503	25.2	2.6	(20.2–30.2)
Honolulu, Hawaii	2,860	22.5	1.1	(20.3–24.7)
Houston-Sugar Land-Baytown, Texas	2,584	30.6	1.4	(27.9–33.3)
Huntington-Ashland, West Virginia-Kentucky-Ohio	623	33.8	2.7	(28.5–39.1)
Idaho Falls, Idaho	626	29.9	2.5	(25.0–34.8)
Indianapolis-Carmel, Indiana	2,125	29.1	1.5	(26.2–32.0)
Jackson, Mississippi	715	33.4	2.4	(28.7–38.1)
Jacksonville, Florida	2,485	25.6	1.6	(22.4–28.8)
Kahului-Wailuku, Hawaii	1,428	27.2	2.0	(23.3–31.1)
Kalispell, Montana	677	18.7	2.1	(14.6–22.8)
Kansas City, Missouri-Kansas	3,206	30.6	1.3	(28.1–33.1)
Kapaa, Hawaii	634	24.2	2.5	(19.2–29.2)
Kennewick-Richland-Pasco, Washington	589	32.8	2.7	(27.5–38.1)
Key West-Marathon, Florida	496	17.1	2.3	(12.6–21.6)
Kingsport-Bristol, Tennessee-Virginia	607	36.8	3.7	(29.6–44.0)
Knoxville, Tennessee	504	30.6	3.0	(24.7–36.5)
Lake City, Florida	533	31.3	2.8	(25.9–36.7)
Lakeland-Winter Haven, Florida	492	36.8	3.0	(30.9–42.7)
Laredo, Texas	824	33.8	2.1	(29.8–37.8)
Las Cruces, New Mexico	461	29.6	3.1	(23.5–35.7)
Las Vegas-Paradise, Nevada	1,218	23.5	1.6	(20.3–26.7)
Lebanon, New Hampshire-Vermont	1,489	25.1	1.5	(22.1–28.1)
Lewiston, Idaho-Washington	569	27.7	2.5	(22.9–32.5)
Lewiston-Auburn, Maine	483	28.2	2.5	(23.3–33.1)
Lincoln, Nebraska	1,097	31.4	2.4	(26.6–36.2)
Little Rock-North Little Rock, Arkansas	767	35.8	2.8	(30.4–41.2)
Los Angeles-Long Beach-Glendale, California†	2,414	25.3	1.2	(23.0–27.6)
Louisville, Kentucky-Indiana	856	32.2	2.2	(27.9–36.5)
Lubbock, Texas	729	32.9	3.2	(26.7–39.1)
Manchester-Nashua, New Hampshire	1,357	25.6	1.6	(22.4–28.8)
McAllen-Edinburg-Mission, Texas	537	35.9	2.7	(30.6–41.2)
Memphis, Tennessee-Mississippi-Arkansas	1,099	36.6	2.6	(31.5–41.7)
Miami-Fort Lauderdale-Miami Beach, Florida	991	28.5	2.0	(24.6–32.4)
Midland, Texas	493	24.8	2.6	(19.7–29.9)
Milwaukee-Waukesha-West Allis, Wisconsin	1,417	27.0	2.2	(22.8–31.2)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,551	24.8	1.2	(22.4–27.2)
Minot, North Dakota	515	30.0	2.5	(25.0–35.0)
Mobile, Alabama	633	34.3	2.7	(29.0–39.6)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	527	27.1	2.9	(21.3–32.9)
Naples-Marco Island, Florida	498	23.9	3.5	(17.1–30.7)
Nashville-Davidson-Murfreesboro, Tennessee	775	25.1	2.3	(20.6–29.6)
Nassau-Suffolk, New York*	1,013	22.3	1.8	(18.9–25.7)
Newark-Union, New Jersey-Pennsylvania†	3,053	24.6	1.3	(22.1–27.1)
New Haven-Milford, Connecticut	1,585	27.4	1.7	(24.0–30.8)
New Orleans-Metairie-Kenner, Louisiana	1,459	33.1	1.8	(29.5–36.7)
New York-White Plains-Wayne, New York-New Jersey†	5,786	22.5	0.8	(21.0–24.0)
Norfolk, Nebraska	643	33.3	2.7	(28.0–38.6)
North Platte, Nebraska	567	32.1	3.1	(26.0–38.2)
North Port-Bradenton-Sarasota, Florida	1,083	20.9	1.7	(17.8–24.3)
Ocala, Florida	562	35.3	2.8	(29.7–40.9)
Ocean City, New Jersey	484	25.1	2.5	(20.1–30.1)

See footnotes on page 181.

**TABLE 50. (Continued) Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,573	26.2	1.4	(23.4–29.0)
Oklahoma City, Oklahoma	2,363	30.9	1.2	(28.5–33.3)
Olympia, Washington	730	25.7	2.1	(21.6–29.8)
Omaha-Council Bluffs, Nebraska-Iowa	2,244	26.5	1.3	(24.0–29.0)
Orlando-Kissimmee, Florida	2,511	28.6	1.4	(25.8–31.4)
Palm Bay-Melbourne-Titusville, Florida	511	32.1	3.2	(25.9–38.3)
Panama City-Lynn Haven, Florida	520	28.6	3.3	(22.2–35.0)
Peabody, Massachusetts	1,448	22.8	1.7	(19.6–26.4)
Pensacola-Ferry Pass-Brent, Florida	970	30.5	2.3	(26.0–35.0)
Philadelphia, Pennsylvania†	2,248	24.5	1.3	(21.9–27.1)
Phoenix-Mesa-Scottsdale, Arizona	1,599	23.4	1.7	(20.1–26.7)
Pittsburgh, Pennsylvania	2,290	30.1	1.3	(27.5–32.7)
Portland-South Portland-Biddeford, Maine	2,511	24.3	1.1	(22.1–26.5)
Portland-Vancouver-Beaverton, Oregon-Washington	3,207	26.7	1.2	(24.3–29.1)
Port St. Lucie-Fort Pierce, Florida	987	28.3	2.2	(23.9–32.7)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	8,967	26.9	0.8	(25.4–28.4)
Provo-Orem, Utah	1,088	23.7	1.7	(20.4–27.0)
Raleigh-Cary, North Carolina	954	27.5	1.9	(23.8–31.2)
Rapid City, South Dakota	806	25.8	2.0	(22.0–29.6)
Reno-Sparks, Nevada	1,258	21.2	1.4	(18.4–24.0)
Richmond, Virginia	747	26.7	2.7	(21.3–32.1)
Riverside-San Bernardino-Ontario, California	1,744	29.8	1.5	(26.9–32.7)
Rochester, New York	534	29.1	2.7	(23.8–34.4)
Rockingham County-Strafford County, New Hampshire†	1,542	27.6	1.5	(24.6–30.6)
Rutland, Vermont	620	32.3	2.4	(27.5–37.1)
Sacramento-Arden-Arcade-Roseville, California	1,216	25.3	1.8	(21.7–28.9)
St. Louis, Missouri-Illinois	1,652	31.4	1.9	(27.7–35.1)
Salt Lake City, Utah	4,043	24.7	0.9	(22.9–26.5)
San Antonio, Texas	1,074	31.2	2.0	(27.3–35.1)
San Diego-Carlsbad-San Marcos, California	1,599	26.4	1.5	(23.5–29.3)
San Francisco-Oakland-Fremont, California	2,225	18.4	1.1	(16.3–20.5)
San Jose-Sunnyvale-Santa Clara, California	866	21.8	1.8	(18.2–25.4)
Santa Ana-Anaheim-Irvine, California†	1,342	20.6	1.4	(17.8–23.4)
Santa Fe, New Mexico	585	21.1	2.6	(16.0–26.2)
Scottsbluff, Nebraska	733	33.7	2.6	(28.6–38.8)
Scranton-Wilkes-Barre, Pennsylvania	529	28.7	2.7	(23.5–33.9)
Seaford, Delaware	1,162	32.7	2.1	(28.7–36.7)
Seattle-Bellevue-Everett, Washington†	4,425	23.3	0.9	(21.5–25.1)
Sebring, Florida	497	29.6	3.2	(23.3–35.9)
Shreveport-Bossier City, Louisiana	648	29.1	2.3	(24.5–33.7)
Sioux City, Iowa-Nebraska-South Dakota	1,155	31.1	3.0	(25.3–36.9)
Sioux Falls, South Dakota	786	27.9	2.2	(23.6–32.2)
Spokane, Washington	1,148	25.5	1.6	(22.3–28.7)
Springfield, Massachusetts	1,886	24.4	1.8	(20.9–27.9)
Tacoma, Washington†	1,605	31.5	1.6	(28.4–34.6)
Tallahassee, Florida	1,935	28.4	2.3	(23.9–32.9)
Tampa-St. Petersburg-Clearwater, Florida	1,953	26.9	1.7	(23.6–30.2)
Toledo, Ohio	809	30.1	2.2	(25.7–34.5)
Topeka, Kansas	795	36.8	2.2	(32.4–41.2)
Trenton-Ewing, New Jersey	466	24.3	2.9	(18.6–30.0)
Tucson, Arizona	667	27.2	2.7	(21.9–32.5)
Tulsa, Oklahoma	2,022	30.7	1.4	(28.0–33.4)
Tuscaloosa, Alabama	495	31.6	2.9	(25.8–37.4)
Twin Falls, Idaho	506	31.3	3.1	(25.2–37.4)
Tyler, Texas	637	26.6	2.8	(21.1–32.1)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,027	30.7	2.3	(26.3–35.1)
Warren-Troy-Farmington Hills, Michigan†	1,721	31.7	2.0	(27.8–35.6)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,110	25.5	1.5	(22.6–28.4)
Wauchula, Florida	492	42.1	3.9	(34.4–49.8)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	529	20.5	2.6	(15.3–25.7)
Wichita, Kansas	1,752	28.2	1.4	(25.4–31.0)
Wichita Falls, Texas	782	30.3	2.5	(25.5–35.1)
Wilmington, Delaware-Maryland-New Jersey†	2,080	30.7	1.4	(28.0–33.4)

See footnotes on page 181.

**TABLE 50. (Continued) Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	1,940	26.6	1.6	(23.4–29.8)
Yakima, Washington	667	32.6	2.5	(27.7–37.5)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,008	35.1	2.9	(29.4–40.8)
Median		28.3		
Range		17.1–42.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 30.0$  kg/m<sup>2</sup>.

† Metropolitan division.

**TABLE 51. Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	561	28.7	2.3	(24.1–33.3)
Mobile County, Alabama	633	34.3	2.7	(29.0–39.6)
Tuscaloosa County, Alabama	415	29.8	3.1	(23.7–35.9)
Maricopa County, Arizona	1,234	22.9	1.8	(19.4–26.4)
Pima County, Arizona	667	27.2	2.7	(21.9–32.5)
Pinal County, Arizona	365	33.0	5.0	(23.1–42.9)
Benton County, Arkansas	336	21.8	3.1	(15.8–27.8)
Pulaski County, Arkansas	521	34.6	3.4	(27.9–41.3)
Washington County, Arkansas	275	29.2	4.2	(20.9–37.5)
Alameda County, California	717	18.5	1.8	(15.1–21.9)
Contra Costa County, California	592	23.8	2.4	(19.1–28.5)
Los Angeles County, California	2,414	25.3	1.2	(23.0–27.6)
Orange County, California	1,342	20.6	1.4	(17.8–23.4)
Placer County, California	239	21.7	3.5	(14.8–28.6)
Riverside County, California	869	30.4	2.1	(26.2–34.6)
Sacramento County, California	702	28.0	2.2	(23.7–32.3)
San Bernardino County, California	875	30.6	2.2	(26.3–34.9)
San Diego County, California	1,599	26.4	1.5	(23.5–29.3)
San Francisco County, California	366	15.0	2.3	(10.6–19.4)
San Mateo County, California	356	19.9	2.6	(14.8–25.0)
Santa Clara County, California	830	21.9	1.9	(18.2–25.6)
Adams County, Colorado	761	23.5	2.0	(19.7–27.3)
Arapahoe County, Colorado	820	20.7	1.8	(17.2–24.2)
Denver County, Colorado	823	18.0	1.8	(14.4–21.6)
Douglas County, Colorado	553	17.5	2.5	(12.5–22.5)
El Paso County, Colorado	971	25.3	1.9	(21.6–29.0)
Jefferson County, Colorado	1,108	21.8	1.7	(18.5–25.1)
Larimer County, Colorado	540	22.9	3.0	(17.0–28.8)
Fairfield County, Connecticut	2,059	17.1	1.3	(14.6–19.6)
Hartford County, Connecticut	1,415	25.8	1.6	(22.6–29.0)
Middlesex County, Connecticut	244	21.3	3.4	(14.7–27.9)
New Haven County, Connecticut	1,585	27.4	1.7	(24.0–30.8)
Tolland County, Connecticut	244	18.7	2.9	(12.9–24.5)
Kent County, Delaware	1,182	32.6	1.8	(29.0–36.2)
New Castle County, Delaware	1,636	27.1	1.4	(24.3–29.9)
Sussex County, Delaware	1,162	32.7	2.1	(28.7–36.7)
District of Columbia, District of Columbia	3,809	21.5	1.0	(19.5–23.5)
Alachua County, Florida	509	21.3	2.8	(15.8–26.8)
Baker County, Florida	491	34.8	4.6	(25.9–43.7)
Bay County, Florida	520	28.6	3.3	(22.2–35.0)
Brevard County, Florida	511	32.1	3.2	(25.9–38.3)
Broward County, Florida	507	28.6	2.7	(23.3–33.9)
Citrus County, Florida	503	25.2	2.6	(20.2–30.2)
Clay County, Florida	456	26.1	2.5	(21.2–31.0)
Collier County, Florida	498	23.9	3.5	(17.1–30.7)
Columbia County, Florida	533	31.3	2.8	(25.9–36.7)
DeSoto County, Florida	473	35.9	4.3	(27.4–44.4)
Duval County, Florida	521	26.5	2.5	(21.6–31.4)
Escambia County, Florida	494	31.7	3.4	(25.1–38.3)
Gadsden County, Florida	481	38.3	3.8	(30.8–45.8)
Gilchrist County, Florida	399	24.2	3.9	(16.6–31.8)
Hardee County, Florida	492	42.1	3.9	(34.4–49.8)
Hernando County, Florida	464	30.5	3.3	(24.0–37.0)
Highlands County, Florida	497	29.6	3.2	(23.3–35.9)
Hillsborough County, Florida	489	24.4	2.6	(19.2–29.6)
Jefferson County, Florida	473	35.2	3.7	(27.9–42.5)
Lake County, Florida	576	28.2	2.6	(23.0–33.4)
Lee County, Florida	482	26.8	2.9	(21.1–32.5)
Leon County, Florida	476	22.7	2.7	(17.4–28.0)
Manatee County, Florida	504	23.7	2.6	(18.6–28.8)
Marion County, Florida	562	35.3	2.8	(29.7–40.9)
Martin County, Florida	507	22.2	2.7	(16.8–27.6)
Miami-Dade County, Florida	484	28.3	2.7	(23.0–33.6)

See footnotes on page 186.

**TABLE 51. (Continued) Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	496	17.1	2.3	(12.6–21.6)
Nassau County, Florida	509	22.7	3.1	(16.6–28.8)
Orange County, Florida	946	28.0	2.1	(23.9–32.1)
Osceola County, Florida	526	33.9	3.2	(27.5–40.3)
Palm Beach County, Florida	529	20.5	2.6	(15.3–25.7)
Pasco County, Florida	519	31.4	3.3	(25.0–37.8)
Pinellas County, Florida	481	23.4	2.8	(17.9–28.9)
Polk County, Florida	492	36.8	3.0	(30.9–42.7)
St. Johns County, Florida	508	21.2	2.6	(16.1–26.3)
St. Lucie County, Florida	480	31.3	2.9	(25.6–37.0)
Santa Rosa County, Florida	476	30.5	3.0	(24.7–36.3)
Sarasota County, Florida	586	20.5	2.4	(15.8–25.2)
Seminole County, Florida	463	25.4	2.8	(19.9–30.9)
Volusia County, Florida	822	27.9	2.7	(22.7–33.1)
Wakulla County, Florida	505	37.7	3.6	(30.6–44.8)
Cobb County, Georgia	241	26.9	3.5	(19.9–33.9)
DeKalb County, Georgia	325	30.4	3.6	(23.4–37.4)
Fulton County, Georgia	315	21.3	3.2	(15.1–27.5)
Gwinnett County, Georgia	235	27.4	3.8	(20.0–34.8)
Hawaii County, Hawaii	1,449	27.1	1.7	(23.8–30.4)
Honolulu County, Hawaii	2,860	22.5	1.1	(20.3–24.7)
Kauai County, Hawaii	634	24.2	2.5	(19.2–29.2)
Maui County, Hawaii	1,428	27.2	2.0	(23.3–31.1)
Ada County, Idaho	811	24.2	2.2	(19.9–28.5)
Bonneville County, Idaho	488	30.0	2.8	(24.5–35.5)
Canyon County, Idaho	572	28.5	2.3	(23.9–33.1)
Kootenai County, Idaho	547	25.2	2.8	(19.7–30.7)
Nez Perce County, Idaho	360	29.5	3.0	(23.7–35.3)
Twin Falls County, Idaho	403	28.9	3.3	(22.5–35.3)
Cook County, Illinois	2,793	28.1	1.3	(25.6–30.6)
DuPage County, Illinois	247	26.3	3.4	(19.6–33.0)
Allen County, Indiana	551	34.9	2.6	(29.7–40.1)
Lake County, Indiana	949	32.7	2.6	(27.6–37.8)
Marion County, Indiana	1,370	32.6	2.1	(28.4–36.8)
Linn County, Iowa	473	25.0	2.5	(20.0–30.0)
Polk County, Iowa	722	25.0	2.0	(21.0–29.0)
Johnson County, Kansas	1,354	24.7	1.5	(21.8–27.6)
Sedgwick County, Kansas	1,366	28.2	1.6	(25.0–31.4)
Shawnee County, Kansas	594	36.0	2.7	(30.7–41.3)
Wyandotte County, Kansas	561	39.6	3.0	(33.8–45.4)
Jefferson County, Kentucky	386	29.7	2.9	(24.0–35.4)
Caddo Parish, Louisiana	423	30.1	3.0	(24.2–36.0)
East Baton Rouge Parish, Louisiana	685	36.1	2.5	(31.1–41.1)
Jefferson Parish, Louisiana	564	37.6	2.8	(32.1–43.1)
Orleans Parish, Louisiana	359	31.7	3.5	(24.8–38.6)
St. Tammany Parish, Louisiana	349	31.7	3.8	(24.3–39.1)
Androscoggin County, Maine	483	28.2	2.5	(23.3–33.1)
Cumberland County, Maine	1,324	20.8	1.6	(17.8–23.8)
Kennebec County, Maine	627	30.1	2.5	(25.2–35.0)
Penobscot County, Maine	662	34.0	2.3	(29.5–38.5)
Sagadahoc County, Maine	284	25.0	3.1	(18.8–31.2)
York County, Maine	903	28.9	1.9	(25.2–32.6)
Anne Arundel County, Maryland	574	29.8	2.5	(25.0–34.6)
Baltimore County, Maryland	983	30.2	2.1	(26.1–34.3)
Cecil County, Maryland	259	39.9	3.9	(32.3–47.5)
Charles County, Maryland	330	32.3	3.1	(26.2–38.4)
Frederick County, Maryland	534	25.6	2.6	(20.5–30.7)
Harford County, Maryland	267	29.3	3.3	(22.8–35.8)
Howard County, Maryland	330	20.3	2.6	(15.1–25.5)
Montgomery County, Maryland	991	19.4	1.8	(16.0–22.8)
Prince George's County, Maryland	738	35.8	2.3	(31.3–40.3)
Queen Anne's County, Maryland	277	25.0	3.4	(18.4–31.6)
Washington County, Maryland	374	35.3	3.5	(28.5–42.1)

See footnotes on page 186.

**TABLE 51. (Continued) Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	506	30.3	2.8	(24.9–35.7)
Bristol County, Massachusetts	2,670	27.5	1.8	(24.0–31.0)
Essex County, Massachusetts	1,959	22.6	1.7	(19.2–26.0)
Hampden County, Massachusetts	1,459	26.3	2.1	(22.2–30.4)
Hampshire County, Massachusetts	256	22.8	3.8	(15.3–30.3)
Middlesex County, Massachusetts	2,791	21.0	1.2	(18.7–23.3)
Norfolk County, Massachusetts	797	20.8	1.8	(17.3–24.3)
Plymouth County, Massachusetts	632	21.1	2.0	(17.3–24.9)
Suffolk County, Massachusetts	1,623	21.7	1.7	(18.3–25.1)
Worcester County, Massachusetts	1,940	26.6	1.6	(23.4–29.8)
Kent County, Michigan	419	29.1	2.9	(23.3–34.9)
Macomb County, Michigan	496	33.3	2.9	(27.5–39.1)
Oakland County, Michigan	898	28.1	2.1	(23.9–32.3)
Wayne County, Michigan	1,808	34.4	1.7	(31.0–37.8)
Anoka County, Minnesota	358	33.7	3.7	(26.4–41.0)
Dakota County, Minnesota	545	24.3	2.6	(19.3–29.3)
Hennepin County, Minnesota	1,923	20.4	1.8	(16.9–23.9)
Ramsey County, Minnesota	861	24.9	3.2	(18.7–31.1)
Washington County, Minnesota	238	26.5	3.9	(18.8–34.2)
DeSoto County, Mississippi	355	32.0	3.8	(24.5–39.5)
Hinds County, Mississippi	320	39.1	3.9	(31.4–46.8)
Jackson County, Missouri	497	33.1	2.7	(27.9–38.3)
St. Louis County, Missouri	573	31.8	3.2	(25.5–38.1)
St. Louis city, Missouri	605	33.9	2.9	(28.2–39.6)
Flathead County, Montana	677	18.7	2.1	(14.6–22.8)
Lewis and Clark County, Montana	512	23.0	2.4	(18.3–27.7)
Yellowstone County, Montana	468	28.1	2.8	(22.7–33.5)
Adams County, Nebraska	457	28.7	3.1	(22.7–34.7)
Dakota County, Nebraska	705	31.6	2.3	(27.1–36.1)
Douglas County, Nebraska	908	24.6	1.9	(20.9–28.3)
Hall County, Nebraska	561	28.1	2.7	(22.8–33.4)
Lancaster County, Nebraska	819	31.8	2.6	(26.7–36.9)
Lincoln County, Nebraska	535	32.0	3.2	(25.8–38.2)
Madison County, Nebraska	441	31.9	3.5	(25.1–38.7)
Sarpy County, Nebraska	549	26.9	2.7	(21.6–32.2)
Scotts Bluff County, Nebraska	710	33.0	2.6	(28.0–38.0)
Seward County, Nebraska	278	27.2	3.3	(20.7–33.7)
Clark County, Nevada	1,218	23.5	1.6	(20.3–26.7)
Washoe County, Nevada	1,238	21.3	1.4	(18.5–24.1)
Grafton County, New Hampshire	499	22.3	2.3	(17.7–26.9)
Hillsborough County, New Hampshire	1,357	25.6	1.6	(22.4–28.8)
Merrimack County, New Hampshire	615	22.7	2.4	(18.0–27.4)
Rockingham County, New Hampshire	971	26.4	1.8	(22.8–30.0)
Strafford County, New Hampshire	571	30.0	2.6	(24.9–35.1)
Atlantic County, New Jersey	858	27.0	2.0	(23.1–30.9)
Bergen County, New Jersey	573	23.6	2.4	(18.8–28.4)
Burlington County, New Jersey	529	29.3	2.7	(24.0–34.6)
Camden County, New Jersey	563	30.6	2.7	(25.3–35.9)
Cape May County, New Jersey	484	25.1	2.5	(20.1–30.1)
Essex County, New Jersey	932	28.1	2.2	(23.8–32.4)
Gloucester County, New Jersey	482	27.2	2.7	(21.8–32.6)
Hudson County, New Jersey	1,023	25.6	1.8	(22.0–29.2)
Hunterdon County, New Jersey	471	17.4	2.1	(13.3–21.5)
Mercer County, New Jersey	466	24.3	2.9	(18.6–30.0)
Middlesex County, New Jersey	586	23.4	2.3	(18.9–27.9)
Monmouth County, New Jersey	519	22.2	2.3	(17.7–26.7)
Morris County, New Jersey	646	22.6	2.1	(18.5–26.7)
Ocean County, New Jersey	486	28.3	2.5	(23.3–33.3)
Passaic County, New Jersey	468	24.4	2.5	(19.6–29.2)
Somerset County, New Jersey	503	19.7	2.1	(15.6–23.8)
Sussex County, New Jersey	465	23.2	2.4	(18.5–27.9)
Union County, New Jersey	481	20.6	2.2	(16.2–25.0)
Warren County, New Jersey	450	23.5	2.5	(18.6–28.4)

See footnotes on page 186.



**TABLE 51. (Continued) Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,211	21.8	1.8	(18.4–25.2)
Dona Ana County, New Mexico	461	29.6	3.1	(23.5–35.7)
Sandoval County, New Mexico	499	22.7	2.9	(16.9–28.5)
San Juan County, New Mexico	653	34.0	2.9	(28.3–39.7)
Santa Fe County, New Mexico	585	21.1	2.6	(16.0–26.2)
Valencia County, New Mexico	337	29.0	3.4	(22.4–35.6)
Bronx County, New York	406	25.2	2.6	(20.1–30.3)
Erie County, New York	447	28.2	2.9	(22.6–33.8)
Kings County, New York	854	26.3	2.0	(22.4–30.2)
Monroe County, New York	357	28.8	3.2	(22.6–35.0)
Nassau County, New York	451	18.3	2.2	(13.9–22.7)
New York County, New York	984	14.4	1.5	(11.5–17.3)
Queens County, New York	743	20.6	2.0	(16.7–24.5)
Suffolk County, New York	562	25.3	2.5	(20.3–30.3)
Westchester County, New York	360	13.3	2.1	(9.2–17.4)
Buncombe County, North Carolina	244	28.7	4.0	(20.8–36.6)
Cabarrus County, North Carolina	293	36.6	3.9	(29.0–44.2)
Catawba County, North Carolina	285	24.2	3.2	(17.9–30.5)
Durham County, North Carolina	594	27.1	2.4	(22.4–31.8)
Gaston County, North Carolina	251	25.6	4.0	(17.8–33.4)
Guilford County, North Carolina	654	29.0	2.5	(24.1–33.9)
Johnston County, North Carolina	251	35.9	3.8	(28.4–43.4)
Mecklenburg County, North Carolina	563	28.0	2.6	(22.9–33.1)
Orange County, North Carolina	281	18.6	2.7	(13.3–23.9)
Randolph County, North Carolina	375	28.9	3.2	(22.6–35.2)
Union County, North Carolina	323	23.8	3.0	(18.0–29.6)
Wake County, North Carolina	666	23.8	2.1	(19.7–27.9)
Burleigh County, North Dakota	530	23.6	2.4	(19.0–28.2)
Cass County, North Dakota	725	26.4	2.4	(21.6–31.2)
Ward County, North Dakota	430	29.6	2.7	(24.2–35.0)
Cuyahoga County, Ohio	666	26.1	2.1	(21.9–30.3)
Franklin County, Ohio	639	31.3	2.6	(26.3–36.3)
Hamilton County, Ohio	680	30.0	2.4	(25.3–34.7)
Lucas County, Ohio	684	30.8	2.3	(26.3–35.3)
Mahoning County, Ohio	694	30.5	2.5	(25.5–35.5)
Montgomery County, Ohio	659	32.3	2.7	(26.9–37.7)
Stark County, Ohio	683	29.6	2.3	(25.1–34.1)
Summit County, Ohio	668	29.0	2.7	(23.7–34.3)
Cleveland County, Oklahoma	418	28.5	2.8	(23.1–33.9)
Oklahoma County, Oklahoma	1,366	30.5	1.6	(27.3–33.7)
Tulsa County, Oklahoma	1,422	30.6	1.6	(27.5–33.7)
Clackamas County, Oregon	419	28.5	2.8	(22.9–34.1)
Lane County, Oregon	490	31.6	3.4	(24.9–38.3)
Multnomah County, Oregon	777	26.4	2.4	(21.8–31.0)
Washington County, Oregon	549	24.4	2.4	(19.7–29.1)
Allegheny County, Pennsylvania	1,308	30.3	1.7	(27.0–33.6)
Lehigh County, Pennsylvania	271	34.5	3.4	(27.8–41.2)
Luzerne County, Pennsylvania	298	31.7	3.7	(24.4–39.0)
Montgomery County, Pennsylvania	329	23.7	3.1	(17.6–29.8)
Northampton County, Pennsylvania	247	25.4	3.5	(18.5–32.3)
Philadelphia County, Pennsylvania	1,329	33.0	1.8	(29.4–36.6)
Westmoreland County, Pennsylvania	318	32.2	3.4	(25.5–38.9)
Bristol County, Rhode Island	265	22.9	3.5	(16.1–29.7)
Kent County, Rhode Island	895	27.5	2.0	(23.6–31.4)
Newport County, Rhode Island	468	19.8	2.3	(15.4–24.2)
Providence County, Rhode Island	3,949	29.5	1.1	(27.3–31.7)
Washington County, Rhode Island	720	20.6	2.3	(16.1–25.1)
Aiken County, South Carolina	452	33.2	2.8	(27.7–38.7)
Beaufort County, South Carolina	645	20.6	2.2	(16.3–24.9)
Berkeley County, South Carolina	337	NA <sup>†</sup>	NA	NA
Charleston County, South Carolina	637	23.8	2.7	(18.5–29.1)
Greenville County, South Carolina	472	34.2	3.6	(27.1–41.3)
Horry County, South Carolina	527	27.1	2.9	(21.3–32.9)

See footnotes on page 186.

**TABLE 51. (Continued) Estimated prevalence of adults aged  $\geq 20$  years who are obese,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	637	31.2	3.6	(24.2–38.2)
Minnehaha County, South Dakota	566	27.3	2.6	(22.2–32.4)
Pennington County, South Dakota	632	25.4	2.3	(21.0–29.8)
Davidson County, Tennessee	387	27.4	3.3	(21.0–33.8)
Hamilton County, Tennessee	358	26.6	3.3	(20.1–33.1)
Knox County, Tennessee	354	32.1	3.8	(24.7–39.5)
Shelby County, Tennessee	374	36.0	3.6	(29.0–43.0)
Sullivan County, Tennessee	436	36.9	3.4	(30.2–43.6)
Bexar County, Texas	923	33.2	2.2	(28.9–37.5)
Dallas County, Texas	365	32.6	3.6	(25.5–39.7)
El Paso County, Texas	801	28.9	2.1	(24.7–33.1)
Fort Bend County, Texas	883	26.0	2.1	(21.8–30.2)
Harris County, Texas	1,368	31.5	1.8	(28.1–34.9)
Hidalgo County, Texas	537	35.9	2.7	(30.6–41.2)
Lubbock County, Texas	709	31.5	3.0	(25.6–37.4)
Midland County, Texas	493	24.8	2.6	(19.7–29.9)
Potter County, Texas	322	34.4	3.6	(27.4–41.4)
Randall County, Texas	444	25.1	3.0	(19.3–30.9)
Smith County, Texas	637	26.6	2.8	(21.1–32.1)
Tarrant County, Texas	565	30.0	2.9	(24.3–35.7)
Travis County, Texas	709	26.4	4.9	(16.9–35.9)
Val Verde County, Texas	499	37.2	3.3	(30.8–43.6)
Webb County, Texas	824	33.8	2.1	(29.8–37.8)
Wichita County, Texas	639	31.1	2.7	(25.7–36.5)
Davis County, Utah	814	24.7	1.9	(21.0–28.4)
Salt Lake County, Utah	3,079	25.0	1.0	(23.0–27.0)
Summit County, Utah	429	17.4	2.4	(12.7–22.1)
Tooele County, Utah	535	24.9	2.4	(20.2–29.6)
Utah County, Utah	1,031	23.5	1.7	(20.1–26.9)
Weber County, Utah	718	29.3	2.2	(25.0–33.6)
Chittenden County, Vermont	1,368	20.3	1.5	(17.4–23.2)
Franklin County, Vermont	462	27.4	2.3	(22.8–32.0)
Orange County, Vermont	342	30.8	3.0	(25.0–36.6)
Rutland County, Vermont	620	32.3	2.4	(27.5–37.1)
Washington County, Vermont	644	22.2	2.1	(18.1–26.3)
Windsor County, Vermont	648	23.7	2.2	(19.3–28.1)
Benton County, Washington	364	33.8	3.1	(27.8–39.8)
Clark County, Washington	1,022	28.7	2.0	(24.8–32.6)
Franklin County, Washington	225	31.0	4.9	(21.4–40.6)
King County, Washington	2,888	21.9	1.1	(19.8–24.0)
Kitsap County, Washington	870	30.3	2.0	(26.3–34.3)
Pierce County, Washington	1,605	30.7	1.5	(27.7–33.7)
Snohomish County, Washington	1,537	28.0	1.5	(25.0–31.0)
Spokane County, Washington	1,148	25.5	1.6	(22.3–28.7)
Thurston County, Washington	730	25.7	2.1	(21.6–29.8)
Yakima County, Washington	667	32.6	2.5	(27.7–37.5)
Kanawha County, West Virginia	458	34.1	3.3	(27.7–40.5)
Milwaukee County, Wisconsin	1,116	26.8	2.4	(22.1–31.5)
Laramie County, Wyoming	857	27.5	2.1	(23.4–31.6)
Natrona County, Wyoming	733	28.4	2.3	(23.9–32.9)
Median		27.4		
Range		13.3–42.1		

Abbreviations: SE = standard error; CI = confidence interval.

\* Body mass index  $\geq 30.0$  kg/m<sup>2</sup>.† Estimate not available (NA) if the unweighted sample size for the denominator was  $< 50$  or if the confidence interval half width is  $> 10$ .

**TABLE 52. Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,623	8.0	0.4	(7.1–8.8)
Alaska	1,941	10.0	1.2	(7.7–12.3)
Arizona	5,711	10.3	0.7	(8.9–11.8)
Arkansas	3,994	7.8	0.7	(6.5–9.1)
California	17,741	7.7	0.3	(7.1–8.2)
Colorado	11,571	9.2	0.4	(8.3–10.0)
Connecticut	6,727	9.2	0.5	(8.1–10.2)
Delaware	4,225	10.0	0.7	(8.7–11.3)
District of Columbia	3,940	10.4	0.7	(9.0–11.7)
Florida	34,814	8.3	0.4	(7.6–9.0)
Georgia	5,762	7.8	0.5	(6.7–8.8)
Hawaii	6,497	9.4	0.5	(8.3–10.4)
Idaho	6,954	8.8	0.5	(7.8–9.7)
Illinois	5,190	9.2	0.6	(8.0–10.4)
Indiana	10,156	9.5	0.4	(8.7–10.4)
Iowa	6,071	7.8	0.5	(6.9–8.8)
Kansas	8,509	8.6	0.5	(7.7–9.5)
Kentucky	7,995	10.4	0.6	(9.3–11.5)
Louisiana	6,993	6.7	0.5	(5.7–7.6)
Maine	8,069	10.0	0.5	(9.1–10.9)
Maryland	9,137	8.4	0.5	(7.4–9.3)
Massachusetts	16,215	10.4	0.4	(9.6–11.1)
Michigan	8,821	10.5	0.5	(9.5–11.4)
Minnesota	8,925	7.6	0.6	(6.4–8.8)
Mississippi	8,045	7.2	0.4	(6.5–8.0)
Missouri	5,400	8.8	0.6	(7.6–10.0)
Montana	7,256	9.1	0.6	(8.0–10.3)
Nebraska	16,304	7.8	0.5	(6.9–8.7)
Nevada	3,882	9.2	0.8	(7.6–10.9)
New Hampshire	5,997	10.4	0.5	(9.3–11.4)
New Jersey	12,370	8.7	0.4	(8.0–9.5)
New Mexico	6,960	9.7	0.6	(8.5–10.9)
New York	8,870	9.8	0.4	(9.0–10.7)
North Carolina	12,072	7.5	0.4	(6.7–8.2)
North Dakota	4,720	7.4	0.6	(6.3–8.6)
Ohio	9,781	9.6	0.5	(8.7–10.6)
Oklahoma	7,694	9.5	0.5	(8.6–10.4)
Oregon	5,013	9.5	0.6	(8.3–10.8)
Pennsylvania	11,149	9.9	0.4	(9.1–10.7)
Rhode Island	6,560	10.9	0.6	(9.7–12.1)
South Carolina	9,352	8.3	0.6	(7.1–9.5)
South Dakota	6,667	7.5	0.5	(6.5–8.6)
Tennessee	5,752	6.0	0.5	(4.9–7.0)
Texas	17,948	7.4	0.4	(6.6–8.2)
Utah	10,090	9.1	0.5	(8.1–10.0)
Vermont	6,754	11.1	0.5	(10.1–12.2)
Virginia	5,354	8.4	0.7	(7.0–9.8)
Washington	19,444	9.6	0.3	(9.0–10.2)
West Virginia	4,385	7.3	0.5	(6.3–8.2)
Wisconsin	4,759	8.3	0.6	(7.1–9.5)
Wyoming	5,796	9.8	0.6	(8.7–10.9)
Guam	779	5.2	1.1	(3.1–7.3)
Puerto Rico	3,537	7.5	0.6	(6.3–8.7)
Virgin Islands	1,813	5.9	0.8	(4.4–7.5)
Median		9.0		
Range		5.2–11.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Defined as ever been told by a health professional that the respondent had asthma and reporting that they still have asthma.

**TABLE 53. Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	803	9.1	1.2	(6.7–11.4)
Albuquerque, New Mexico	2,186	9.5	1.1	(7.3–11.6)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,081	10.0	1.5	(7.0–12.9)
Amarillo, Texas	818	10.0	1.6	(6.8–13.1)
Arcadia, Florida	495	12.4	2.7	(7.1–17.6)
Asheville, North Carolina	547	10.7	2.2	(6.3–15.0)
Atlanta-Sandy Springs-Marietta, Georgia	2,338	8.9	1.3	(6.3–11.4)
Atlantic City, New Jersey	919	8.3	1.6	(5.1–11.4)
Augusta-Richmond County, Georgia-South Carolina	869	9.4	1.4	(6.6–12.1)
Augusta-Waterville, Maine	648	11.9	2.0	(7.9–15.8)
Austin-Round Rock, Texas	967	7.0	1.4	(4.2–9.7)
Baltimore-Towson, Maryland	3,327	8.9	0.7	(7.5–10.2)
Bangor, Maine	688	11.2	1.5	(8.2–14.1)
Barre, Vermont	667	7.3	1.2	(4.9–9.6)
Baton Rouge, Louisiana	1,189	4.9	0.9	(3.1–6.6)
Bethesda-Gaithersburg-Frederick, Maryland†	1,628	6.4	0.8	(4.8–7.9)
Billings, Montana	532	10.4	2.1	(6.2–14.5)
Birmingham-Hoover, Alabama	1,193	8.3	1.0	(6.3–10.2)
Bismarck, North Dakota	762	6.3	1.5	(3.3–9.2)
Boise City-Nampa, Idaho	1,648	10.8	1.1	(8.6–12.9)
Boston-Quincy, Massachusetts†	3,290	9.6	0.7	(8.2–10.9)
Bremerton-Silverdale, Washington	913	12.2	1.5	(9.2–15.1)
Bridgeport-Stamford-Norwalk, Connecticut	2,167	8.3	1.0	(6.3–10.2)
Buffalo-Cheektowaga-Tonawanda, New York	606	12.1	2.3	(7.5–16.6)
Burlington-South Burlington, Vermont	1,990	10.6	1.1	(8.4–12.7)
Cambridge-Newton-Framingham, Massachusetts†	3,006	9.9	1.1	(7.7–12.0)
Camden, New Jersey†	1,686	10.2	1.1	(8.0–12.3)
Canton-Massillon, Ohio	742	7.1	1.2	(4.7–9.4)
Cape Coral-Fort Myers, Florida	512	13.9	4.3	(5.4–22.3)
Casper, Wyoming	766	10.0	1.5	(7.0–12.9)
Cedar Rapids, Iowa	555	9.0	2.0	(5.0–12.9)
Charleston, West Virginia	768	6.9	1.1	(4.7–9.0)
Charleston-North Charleston, South Carolina	1,147	5.5	0.8	(3.9–7.0)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,700	6.0	0.7	(4.6–7.3)
Chattanooga, Tennessee-Georgia	536	5.5	1.5	(2.5–8.4)
Cheyenne, Wyoming	905	11.0	1.4	(8.2–13.7)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	5,001	8.9	0.7	(7.5–10.2)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,784	10.9	1.3	(8.3–13.4)
Cleveland-Elyria-Mentor, Ohio	1,094	8.8	1.2	(6.4–11.1)
Coeur d'Alene, Idaho	564	7.4	1.3	(4.8–9.9)
Colorado Springs, Colorado	1,154	9.1	1.1	(6.9–11.2)
Columbia, South Carolina	1,135	7.5	1.3	(4.9–10.0)
Columbus, Ohio	1,382	10.1	1.2	(7.7–12.4)
Concord, New Hampshire	634	11.6	1.9	(7.8–15.3)
Dallas-Plano-Irving, Texas†	714	8.4	1.7	(5.0–11.7)
Dayton, Ohio	844	9.4	1.8	(5.8–12.9)
Del Rio, Texas	558	5.0	1.0	(3.0–6.9)
Deltona-Daytona Beach-Ormond Beach, Florida	858	10.0	2.2	(5.6–14.3)
Denver-Aurora, Colorado	4,813	9.9	0.6	(8.7–11.0)
Des Moines-West Des Moines, Iowa	1,002	8.7	1.3	(6.1–11.2)
Detroit-Livonia-Dearborn, Michigan†	1,898	12.1	1.2	(9.7–14.4)
Dover, Delaware	1,248	10.7	1.2	(8.3–13.0)
Durham, North Carolina	1,029	9.9	1.6	(6.7–13.0)
Edison, New Jersey†	2,264	9.1	0.9	(7.3–10.8)
El Paso, Texas	867	5.8	0.9	(4.0–7.5)
Eugene-Springfield, Oregon	507	10.3	2.0	(6.3–14.2)
Evansville, Indiana-Kentucky	532	10.0	1.7	(6.6–13.3)
Fargo, North Dakota-Minnesota	828	5.0	1.3	(2.4–7.5)
Farmington, New Mexico	684	11.7	2.0	(7.7–15.6)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	694	10.3	2.2	(5.9–14.6)
Fort Collins-Loveland, Colorado	557	8.4	2.0	(4.4–12.3)
Fort Wayne, Indiana	719	10.0	1.5	(7.0–12.9)
Fort Worth-Arlington, Texas†	734	10.2	2.0	(6.2–14.1)

See footnotes on page 191.

**TABLE 53. (Continued) Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	946	6.9	1.4	(4.1–9.6)
Grand Island, Nebraska	860	6.2	1.0	(4.2–8.1)
Grand Rapids-Wyoming, Michigan	618	8.2	1.5	(5.2–11.1)
Greensboro-High Point, North Carolina	1,155	7.9	1.4	(5.1–10.6)
Greenville, South Carolina	772	9.4	2.0	(5.4–13.3)
Hagerstown-Martinsburg, Maryland-West Virginia	643	8.3	1.4	(5.5–11.0)
Hartford-West Hartford-East Hartford, Connecticut	2,008	9.0	0.8	(7.4–10.5)
Hastings, Nebraska	583	10.2	2.2	(5.8–14.5)
Helena, Montana	641	9.3	1.7	(5.9–12.6)
Hickory-Morganton-Lenoir, North Carolina	597	6.6	1.1	(4.4–8.7)
Hilo, Hawaii	1,464	12.2	1.2	(9.8–14.5)
Hilton Head Island-Beaufort, South Carolina	794	4.5	0.9	(2.7–6.2)
Homosassa Springs, Florida	533	10.0	1.8	(6.4–13.5)
Honolulu, Hawaii	2,933	9.0	0.7	(7.6–10.3)
Houston-Sugar Land-Baytown, Texas	2,727	4.9	0.6	(3.7–6.0)
Huntington-Ashland, West Virginia-Kentucky-Ohio	652	12.0	1.7	(8.6–15.3)
Idaho Falls, Idaho	662	7.7	1.2	(5.3–10.0)
Indianapolis-Carmel, Indiana	2,241	10.5	1.0	(8.5–12.4)
Jackson, Mississippi	756	6.3	1.1	(4.1–8.4)
Jacksonville, Florida	2,571	10.1	1.4	(7.3–12.8)
Kahului-Wailuku, Hawaii	1,457	10.7	1.3	(8.1–13.2)
Kalispell, Montana	697	8.6	1.4	(5.8–11.3)
Kansas City, Missouri-Kansas	3,367	9.9	0.9	(8.1–11.6)
Kapaa, Hawaii	643	5.4	1.0	(3.4–7.3)
Kennewick-Richland-Pasco, Washington	644	8.1	1.3	(5.5–10.6)
Key West-Marathon, Florida	502	5.8	1.8	(2.2–9.3)
Kingsport-Bristol, Tennessee-Virginia	652	7.9	1.7	(4.5–11.2)
Knoxville, Tennessee	527	5.2	1.1	(3.0–7.3)
Lake City, Florida	557	11.0	2.1	(6.8–15.1)
Lakeland-Winter Haven, Florida	518	9.6	1.9	(5.8–13.3)
Laredo, Texas	918	3.4	0.6	(2.2–4.5)
Las Cruces, New Mexico	498	8.9	1.9	(5.1–12.6)
Las Vegas-Paradise, Nevada	1,258	9.3	1.1	(7.1–11.4)
Lebanon, New Hampshire-Vermont	1,540	12.1	1.2	(9.7–14.4)
Lewiston, Idaho-Washington	600	12.3	1.9	(8.5–16.0)
Lewiston-Auburn, Maine	497	9.1	1.5	(6.1–12.0)
Lincoln, Nebraska	1,128	9.9	1.4	(7.1–12.6)
Little Rock-North Little Rock, Arkansas	817	8.2	1.5	(5.2–11.1)
Los Angeles-Long Beach-Glendale, California†	2,616	6.4	0.6	(5.2–7.5)
Louisville, Kentucky-Indiana	901	9.8	1.3	(7.2–12.3)
Lubbock, Texas	774	8.4	1.3	(5.8–10.9)
Manchester-Nashua, New Hampshire	1,420	10.5	1.1	(8.3–12.6)
McAllen-Edinburg-Mission, Texas	594	5.2	1.3	(2.6–7.7)
Memphis, Tennessee-Mississippi-Arkansas	1,150	6.4	1.1	(4.2–8.5)
Miami-Fort Lauderdale-Miami Beach, Florida	1,027	7.7	1.4	(4.9–10.4)
Midland, Texas	521	12.4	2.2	(8.0–16.7)
Milwaukee-Waukesha-West Allis, Wisconsin	1,527	9.3	1.1	(7.1–11.4)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,846	8.2	0.9	(6.4–9.9)
Minot, North Dakota	551	9.3	1.8	(5.7–12.8)
Mobile, Alabama	678	6.9	1.1	(4.7–9.0)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	552	10.1	1.8	(6.5–13.6)
Naples-Marco Island, Florida	518	7.3	1.8	(3.7–10.8)
Nashville-Davidson-Murfreesboro, Tennessee	829	5.6	1.3	(3.0–8.1)
Nassau-Suffolk, New York*	1,060	7.2	1.1	(5.0–9.3)
Newark-Union, New Jersey-Pennsylvania†	3,309	7.5	0.6	(6.3–8.6)
New Haven-Milford, Connecticut	1,665	11.3	1.3	(8.7–13.8)
New Orleans-Metairie-Kenner, Louisiana	1,529	7.1	1.0	(5.1–9.0)
New York-White Plains-Wayne, New York-New Jersey†	6,161	9.9	0.5	(8.9–10.8)
Norfolk, Nebraska	672	4.3	0.9	(2.5–6.0)
North Platte, Nebraska	575	12.9	2.6	(7.8–17.9)
North Port-Bradenton-Sarasota, Florida	1,125	6.1	0.9	(4.3–7.8)
Ocala, Florida	586	8.8	1.5	(5.8–11.7)
Ocean City, New Jersey	519	6.5	1.4	(3.7–9.2)

See footnotes on page 191.

**TABLE 53. (Continued) Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,692	7.5	0.8	(5.9–9.0)
Oklahoma City, Oklahoma	2,461	8.9	0.7	(7.5–10.2)
Olympia, Washington	771	11.4	1.5	(8.4–14.3)
Omaha-Council Bluffs, Nebraska-Iowa	2,353	7.9	0.8	(6.3–9.4)
Orlando-Kissimmee, Florida	2,656	8.6	0.8	(7.0–10.1)
Palm Bay-Melbourne-Titusville, Florida	522	8.5	1.4	(5.7–11.2)
Panama City-Lynn Haven, Florida	539	7.6	1.5	(4.6–10.5)
Peabody, Massachusetts	2,125	10.4	1.3	(7.8–12.9)
Pensacola-Ferry Pass-Brent, Florida	1,011	10.4	1.3	(7.8–12.9)
Philadelphia, Pennsylvania†	2,353	10.8	1.0	(8.8–12.7)
Phoenix-Mesa-Scottsdale, Arizona	1,677	9.6	1.1	(7.4–11.7)
Pittsburgh, Pennsylvania	2,405	9.7	0.9	(7.9–11.4)
Portland-South Portland-Biddeford, Maine	2,614	9.3	0.8	(7.7–10.8)
Portland-Vancouver-Beaverton, Oregon-Washington	3,381	8.5	0.8	(6.9–10.0)
Port St. Lucie-Fort Pierce, Florida	1,017	8.8	1.2	(6.4–11.1)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,475	10.7	0.6	(9.5–11.8)
Provo-Orem, Utah	1,169	10.7	1.8	(7.1–14.2)
Raleigh-Cary, North Carolina	1,020	5.6	1.0	(3.6–7.5)
Rapid City, South Dakota	837	6.3	0.9	(4.5–8.0)
Reno-Sparks, Nevada	1,315	8.1	1.0	(6.1–10.0)
Richmond, Virginia	796	7.0	1.3	(4.4–9.5)
Riverside-San Bernardino-Ontario, California	1,871	6.6	0.7	(5.2–7.9)
Rochester, New York	566	7.1	1.4	(4.3–9.8)
Rockingham County-Strafford County, New Hampshire†	1,591	9.6	1.0	(7.6–11.5)
Rutland, Vermont	654	14.5	2.0	(10.5–18.4)
Sacramento-Arden-Arcade-Roseville, California	1,292	8.6	1.0	(6.6–10.5)
St. Louis, Missouri-Illinois	1,744	9.4	1.1	(7.2–11.5)
Salt Lake City, Utah	4,281	10.1	0.7	(8.7–11.4)
San Antonio, Texas	1,119	6.1	0.9	(4.3–7.8)
San Diego-Carlsbad-San Marcos, California	1,693	7.7	0.9	(5.9–9.4)
San Francisco-Oakland-Fremont, California	2,353	8.2	0.7	(6.8–9.5)
San Jose-Sunnyvale-Santa Clara, California	912	7.0	1.0	(5.0–8.9)
Santa Ana-Anaheim-Irvine, California†	1,445	6.5	0.8	(4.9–8.0)
Santa Fe, New Mexico	607	9.2	1.9	(5.4–12.9)
Scottsbluff, Nebraska	758	5.8	1.4	(3.0–8.5)
Scranton-Wilkes-Barre, Pennsylvania	552	8.6	1.6	(5.4–11.7)
Seaford, Delaware	1,235	10.8	1.2	(8.4–13.1)
Seattle-Bellevue-Everett, Washington†	4,656	8.9	0.6	(7.7–10.0)
Sebring, Florida	515	9.1	2.0	(5.1–13.0)
Shreveport-Bossier City, Louisiana	678	7.5	1.9	(3.7–11.2)
Sioux City, Iowa-Nebraska-South Dakota	1,215	5.7	1.0	(3.7–7.6)
Sioux Falls, South Dakota	830	6.8	1.2	(4.4–9.1)
Spokane, Washington	1,204	12.5	1.5	(9.5–15.4)
Springfield, Massachusetts	2,044	12.3	1.9	(8.5–16.0)
Tacoma, Washington†	1,711	10.4	1.0	(8.4–12.3)
Tallahassee, Florida	2,037	8.0	1.3	(5.4–10.5)
Tampa-St. Petersburg-Clearwater, Florida	2,021	9.4	1.0	(7.4–11.3)
Toledo, Ohio	857	12.1	1.5	(9.1–15.0)
Topeka, Kansas	826	7.4	1.1	(5.2–9.5)
Trenton-Ewing, New Jersey	501	7.4	1.6	(4.2–10.5)
Tucson, Arizona	692	12.5	2.0	(8.5–16.4)
Tulsa, Oklahoma	2,129	9.2	0.8	(7.6–10.7)
Tuscaloosa, Alabama	514	5.4	1.0	(3.4–7.3)
Twin Falls, Idaho	537	7.6	1.3	(5.0–10.1)
Tyler, Texas	670	9.7	2.4	(4.9–14.4)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,099	7.9	1.0	(5.9–9.8)
Warren-Troy-Farmington Hills, Michigan†	1,794	9.6	1.0	(7.6–11.5)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,404	10.2	1.2	(7.8–12.5)
Wauchula, Florida	524	7.9	1.5	(4.9–10.8)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	547	7.1	1.5	(4.1–10.0)
Wichita, Kansas	1,843	10.5	1.1	(8.3–12.6)
Wichita Falls, Texas	822	9.8	1.6	(6.6–12.9)
Wilmington, Delaware-Maryland-New Jersey†	2,206	9.6	0.9	(7.8–11.3)

See footnotes on page 191.



**TABLE 53. (Continued) Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	2,094	14.0	1.6	(10.8–17.1)
Yakima, Washington	738	7.8	1.2	(5.4–10.1)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,058	8.4	1.5	(5.4–11.3)
Median		9.0		
Range		3.4–14.5		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Defined as ever been told by a health professional that the respondent had asthma and reporting that they still have asthma.

† Metropolitan division.

**TABLE 54. Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	597	8.5	1.5	(5.5–11.4)
Mobile County, Alabama	678	6.9	1.1	(4.7–9.0)
Tuscaloosa County, Alabama	432	4.7	1.1	(2.5–6.8)
Maricopa County, Arizona	1,292	9.3	1.2	(6.9–11.6)
Pima County, Arizona	692	12.5	2.0	(8.5–16.4)
Pinal County, Arizona	385	13.3	2.7	(8.0–18.5)
Benton County, Arkansas	357	13.2	3.1	(7.1–19.2)
Pulaski County, Arkansas	555	8.6	1.9	(4.8–12.3)
Washington County, Arkansas	296	3.3	1.2	(0.9–5.6)
Alameda County, California	753	9.4	1.4	(6.6–12.1)
Contra Costa County, California	632	7.8	1.2	(5.4–10.1)
Los Angeles County, California	2,616	6.4	0.6	(5.2–7.5)
Orange County, California	1,445	6.5	0.8	(4.9–8.0)
Placer County, California	253	8.8	2.6	(3.7–13.8)
Riverside County, California	929	6.5	0.9	(4.7–8.2)
Sacramento County, California	752	8.4	1.2	(6.0–10.7)
San Bernardino County, California	942	6.5	0.9	(4.7–8.2)
San Diego County, California	1,693	7.7	0.9	(5.9–9.4)
San Francisco County, California	384	5.6	1.3	(3.0–8.1)
San Mateo County, California	385	11.0	2.0	(7.0–14.9)
Santa Clara County, California	874	7.0	1.0	(5.0–8.9)
Adams County, Colorado	804	9.6	1.6	(6.4–12.7)
Arapahoe County, Colorado	866	9.4	1.2	(7.0–11.7)
Denver County, Colorado	874	9.3	1.4	(6.5–12.0)
Douglas County, Colorado	578	12.7	2.1	(8.5–16.8)
El Paso County, Colorado	1,022	9.2	1.2	(6.8–11.5)
Jefferson County, Colorado	1,164	9.3	1.1	(7.1–11.4)
Larimer County, Colorado	557	8.4	2.0	(4.4–12.3)
Fairfield County, Connecticut	2,167	8.3	1.0	(6.3–10.2)
Hartford County, Connecticut	1,489	8.3	0.9	(6.5–10.0)
Middlesex County, Connecticut	264	12.5	2.4	(7.7–17.2)
New Haven County, Connecticut	1,665	11.3	1.3	(8.7–13.8)
Tolland County, Connecticut	255	10.6	2.5	(5.7–15.5)
Kent County, Delaware	1,248	10.7	1.2	(8.3–13.0)
New Castle County, Delaware	1,742	9.5	1.0	(7.5–11.4)
Sussex County, Delaware	1,235	10.8	1.2	(8.4–13.1)
District of Columbia, District of Columbia	3,940	10.6	0.8	(9.0–12.1)
Alachua County, Florida	531	7.4	1.6	(4.2–10.5)
Baker County, Florida	505	NA <sup>†</sup>	NA	NA
Bay County, Florida	539	7.6	1.5	(4.6–10.5)
Brevard County, Florida	522	8.5	1.4	(5.7–11.2)
Broward County, Florida	524	8.3	1.8	(4.7–11.8)
Citrus County, Florida	533	10.0	1.8	(6.4–13.5)
Clay County, Florida	484	7.8	1.3	(5.2–10.3)
Collier County, Florida	518	7.3	1.8	(3.7–10.8)
Columbia County, Florida	557	11.0	2.1	(6.8–15.1)
DeSoto County, Florida	495	12.4	2.7	(7.1–17.6)
Duval County, Florida	546	10.8	2.2	(6.4–15.1)
Escambia County, Florida	517	10.0	1.8	(6.4–13.5)
Gadsden County, Florida	510	9.4	1.7	(6.0–12.7)
Gilchrist County, Florida	415	8.0	2.0	(4.0–11.9)
Hardee County, Florida	524	7.9	1.5	(4.9–10.8)
Hernando County, Florida	490	10.8	2.1	(6.6–14.9)
Highlands County, Florida	515	9.1	2.0	(5.1–13.0)
Hillsborough County, Florida	503	8.5	1.5	(5.5–11.4)
Jefferson County, Florida	501	9.7	2.1	(5.5–13.8)
Lake County, Florida	605	6.2	1.3	(3.6–8.7)
Lee County, Florida	512	13.9	4.3	(5.4–22.3)
Leon County, Florida	493	5.7	1.5	(2.7–8.6)
Manatee County, Florida	522	7.2	1.3	(4.6–9.7)
Marion County, Florida	586	8.8	1.5	(5.8–11.7)
Martin County, Florida	516	7.7	1.7	(4.3–11.0)
Miami-Dade County, Florida	503	7.1	1.9	(3.3–10.8)

See footnotes on page 196.

**TABLE 54. Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	502	5.8	1.8	(2.2–9.3)
Nassau County, Florida	516	6.0	1.4	(3.2–8.7)
Orange County, Florida	998	9.9	1.4	(7.1–12.6)
Osceola County, Florida	569	11.3	2.3	(6.7–15.8)
Palm Beach County, Florida	547	7.1	1.5	(4.1–10.0)
Pasco County, Florida	535	10.5	2.0	(6.5–14.4)
Pinellas County, Florida	493	9.9	2.2	(5.5–14.2)
Polk County, Florida	518	9.6	1.9	(5.8–13.3)
St. Johns County, Florida	520	8.7	1.6	(5.5–11.8)
St. Lucie County, Florida	501	9.0	1.5	(6.0–11.9)
Santa Rosa County, Florida	494	10.7	2.0	(6.7–14.6)
Sarasota County, Florida	603	5.2	1.0	(3.2–7.1)
Seminole County, Florida	484	6.1	1.2	(3.7–8.4)
Volusia County, Florida	858	10.0	2.2	(5.6–14.3)
Wakulla County, Florida	533	14.1	3.1	(8.0–20.1)
Cobb County, Georgia	253	9.2	2.1	(5.0–13.3)
DeKalb County, Georgia	341	8.2	1.8	(4.6–11.7)
Fulton County, Georgia	330	7.0	2.0	(3.0–10.9)
Gwinnett County, Georgia	249	10.5	2.8	(5.0–15.9)
Hawaii County, Hawaii	1,464	12.2	1.2	(9.8–14.5)
Honolulu County, Hawaii	2,933	9.0	0.7	(7.6–10.3)
Kauai County, Hawaii	643	5.4	1.0	(3.4–7.3)
Maui County, Hawaii	1,457	10.7	1.3	(8.1–13.2)
Ada County, Idaho	857	12.3	1.8	(8.7–15.8)
Bonneville County, Idaho	520	9.0	1.5	(6.0–11.9)
Canyon County, Idaho	613	8.6	1.4	(5.8–11.3)
Kootenai County, Idaho	564	7.4	1.3	(4.8–9.9)
Nez Perce County, Idaho	380	13.7	2.3	(9.1–18.2)
Twin Falls County, Idaho	431	7.1	1.5	(4.1–10.0)
Cook County, Illinois	2,879	9.0	0.8	(7.4–10.5)
DuPage County, Illinois	255	6.1	1.7	(2.7–9.4)
Allen County, Indiana	584	10.7	1.7	(7.3–14.0)
Lake County, Indiana	997	9.8	1.4	(7.0–12.5)
Marion County, Indiana	1,457	11.6	1.3	(9.0–14.1)
Linn County, Iowa	492	8.1	1.6	(4.9–11.2)
Polk County, Iowa	763	8.7	1.5	(5.7–11.6)
Johnson County, Kansas	1,410	7.9	1.0	(5.9–9.8)
Sedgwick County, Kansas	1,431	11.3	1.2	(8.9–13.6)
Shawnee County, Kansas	616	8.2	1.3	(5.6–10.7)
Wyandotte County, Kansas	604	9.6	1.8	(6.0–13.1)
Jefferson County, Kentucky	407	10.8	1.8	(7.2–14.3)
Caddo Parish, Louisiana	446	5.6	1.4	(2.8–8.3)
East Baton Rouge Parish, Louisiana	715	5.1	1.4	(2.3–7.8)
Jefferson Parish, Louisiana	593	6.3	1.2	(3.9–8.6)
Orleans Parish, Louisiana	375	8.4	1.8	(4.8–11.9)
St. Tammany Parish, Louisiana	369	4.4	1.0	(2.4–6.3)
Androscoggin County, Maine	497	9.1	1.5	(6.1–12.0)
Cumberland County, Maine	1,379	9.2	1.1	(7.0–11.3)
Kennebec County, Maine	648	11.9	2.0	(7.9–15.8)
Penobscot County, Maine	688	11.2	1.5	(8.2–14.1)
Sagadahoc County, Maine	299	8.5	1.9	(4.7–12.2)
York County, Maine	936	9.7	1.2	(7.3–12.0)
Anne Arundel County, Maryland	595	5.6	1.1	(3.4–7.7)
Baltimore County, Maryland	1,050	8.4	1.2	(6.0–10.7)
Cecil County, Maryland	269	5.9	1.6	(2.7–9.0)
Charles County, Maryland	349	6.9	1.5	(3.9–9.8)
Frederick County, Maryland	573	7.8	1.4	(5.0–10.5)
Harford County, Maryland	280	10.2	2.3	(5.6–14.7)
Howard County, Maryland	341	9.6	2.5	(4.7–14.5)
Montgomery County, Maryland	1,055	6.1	0.9	(4.3–7.8)
Prince George's County, Maryland	790	11.8	1.6	(8.6–14.9)
Queen Anne's County, Maryland	295	7.5	1.9	(3.7–11.2)
Washington County, Maryland	406	8.7	1.7	(5.3–12.0)

See footnotes on page 196.

**TABLE 54. Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	532	11.1	2.0	(7.1–15.0)
Bristol County, Massachusetts	2,915	10.1	1.3	(7.5–12.6)
Essex County, Massachusetts	2,125	10.1	1.2	(7.7–12.4)
Hampden County, Massachusetts	1,585	9.9	1.2	(7.5–12.2)
Hampshire County, Massachusetts	275	12.1	2.8	(6.6–17.5)
Middlesex County, Massachusetts	3,006	10.2	1.2	(7.8–12.5)
Norfolk County, Massachusetts	855	7.4	1.0	(5.4–9.3)
Plymouth County, Massachusetts	680	9.2	1.3	(6.6–11.7)
Suffolk County, Massachusetts	1,755	11.4	1.4	(8.6–14.1)
Worcester County, Massachusetts	2,094	14.0	1.6	(10.8–17.1)
Kent County, Michigan	444	7.8	1.7	(4.4–11.1)
Macomb County, Michigan	513	11.1	1.8	(7.5–14.6)
Oakland County, Michigan	932	7.3	1.1	(5.1–9.4)
Wayne County, Michigan	1,898	12.1	1.2	(9.7–14.4)
Anoka County, Minnesota	394	5.6	1.6	(2.4–8.7)
Dakota County, Minnesota	568	10.1	2.2	(5.7–14.4)
Hennepin County, Minnesota	2,046	9.0	1.4	(6.2–11.7)
Ramsey County, Minnesota	915	8.2	3.5	(1.3–15.0)
Washington County, Minnesota	258	7.3	2.2	(2.9–11.6)
DeSoto County, Mississippi	367	7.5	1.8	(3.9–11.0)
Hinds County, Mississippi	337	7.5	2.0	(3.5–11.4)
Jackson County, Missouri	523	12.3	2.0	(8.3–16.2)
St. Louis County, Missouri	604	8.9	1.7	(5.5–12.2)
St. Louis city, Missouri	644	11.1	1.7	(7.7–14.4)
Flathead County, Montana	697	8.6	1.4	(5.8–11.3)
Lewis and Clark County, Montana	532	9.8	1.6	(6.6–12.9)
Yellowstone County, Montana	482	10.3	2.2	(5.9–14.6)
Adams County, Nebraska	477	10.0	2.2	(5.6–14.3)
Dakota County, Nebraska	737	6.6	1.1	(4.4–8.7)
Douglas County, Nebraska	949	7.2	1.2	(4.8–9.5)
Hall County, Nebraska	585	6.5	1.3	(3.9–9.0)
Lancaster County, Nebraska	844	10.1	1.5	(7.1–13.0)
Lincoln County, Nebraska	543	13.4	2.8	(7.9–18.8)
Madison County, Nebraska	465	3.5	0.7	(2.1–4.8)
Sarpy County, Nebraska	577	10.2	1.9	(6.4–13.9)
Scotts Bluff County, Nebraska	735	5.9	1.4	(3.1–8.6)
Seward County, Nebraska	284	6.5	1.6	(3.3–9.6)
Clark County, Nevada	1,258	9.3	1.1	(7.1–11.4)
Washoe County, Nevada	1,295	8.1	1.0	(6.1–10.0)
Grafton County, New Hampshire	510	12.0	2.0	(8.0–15.9)
Hillsborough County, New Hampshire	1,420	10.5	1.1	(8.3–12.6)
Merrimack County, New Hampshire	634	11.6	1.9	(7.8–15.3)
Rockingham County, New Hampshire	1,015	9.3	1.3	(6.7–11.8)
Strafford County, New Hampshire	576	10.9	1.7	(7.5–14.2)
Atlantic County, New Jersey	919	8.3	1.6	(5.1–11.4)
Bergen County, New Jersey	624	8.3	1.6	(5.1–11.4)
Burlington County, New Jersey	565	8.2	1.5	(5.2–11.1)
Camden County, New Jersey	599	11.6	2.1	(7.4–15.7)
Cape May County, New Jersey	519	6.5	1.4	(3.7–9.2)
Essex County, New Jersey	1,019	8.3	1.0	(6.3–10.2)
Gloucester County, New Jersey	522	10.6	1.9	(6.8–14.3)
Hudson County, New Jersey	1,094	10.8	1.2	(8.4–13.1)
Hunterdon County, New Jersey	512	7.5	1.5	(4.5–10.4)
Mercer County, New Jersey	501	7.4	1.6	(4.2–10.5)
Middlesex County, New Jersey	631	7.5	1.4	(4.7–10.2)
Monmouth County, New Jersey	564	9.3	1.8	(5.7–12.8)
Morris County, New Jersey	699	6.9	1.2	(4.5–9.2)
Ocean County, New Jersey	534	10.8	1.9	(7.0–14.5)
Passaic County, New Jersey	499	8.8	1.4	(6.0–11.5)
Somerset County, New Jersey	535	7.2	1.4	(4.4–9.9)
Sussex County, New Jersey	501	8.8	1.5	(5.8–11.7)
Union County, New Jersey	518	6.3	1.2	(3.9–8.6)
Warren County, New Jersey	479	9.0	1.7	(5.6–12.3)

See footnotes on page 196.

**TABLE 54. Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,262	9.8	1.4	(7.0–12.5)
Dona Ana County, New Mexico	498	8.9	1.9	(5.1–12.6)
Sandoval County, New Mexico	517	9.5	1.7	(6.1–12.8)
San Juan County, New Mexico	684	11.7	2.0	(7.7–15.6)
Santa Fe County, New Mexico	607	9.2	1.9	(5.4–12.9)
Valencia County, New Mexico	347	6.5	1.6	(3.3–9.6)
Bronx County, New York	430	14.6	2.4	(9.8–19.3)
Erie County, New York	477	12.1	2.2	(7.7–16.4)
Kings County, New York	903	11.1	1.4	(8.3–13.8)
Monroe County, New York	380	8.4	1.8	(4.8–11.9)
Nassau County, New York	473	6.9	1.4	(4.1–9.6)
New York County, New York	1,034	10.0	1.3	(7.4–12.5)
Queens County, New York	795	7.0	1.0	(5.0–8.9)
Suffolk County, New York	587	7.9	1.8	(4.3–11.4)
Westchester County, New York	383	10.3	2.2	(5.9–14.6)
Buncombe County, North Carolina	262	9.6	2.7	(4.3–14.8)
Cabarrus County, North Carolina	307	4.5	1.3	(1.9–7.0)
Catawba County, North Carolina	294	6.1	1.6	(2.9–9.2)
Durham County, North Carolina	617	7.7	1.3	(5.1–10.2)
Gaston County, North Carolina	264	7.5	1.8	(3.9–11.0)
Guilford County, North Carolina	692	7.6	1.3	(5.0–10.1)
Johnston County, North Carolina	273	7.7	1.9	(3.9–11.4)
Mecklenburg County, North Carolina	604	5.7	1.1	(3.5–7.8)
Orange County, North Carolina	297	10.5	3.5	(3.6–17.3)
Randolph County, North Carolina	395	6.9	1.7	(3.5–10.2)
Union County, North Carolina	347	6.4	1.4	(3.6–9.1)
Wake County, North Carolina	709	5.9	1.3	(3.3–8.4)
Burleigh County, North Dakota	554	6.0	1.4	(3.2–8.7)
Cass County, North Dakota	774	5.0	1.0	(3.0–6.9)
Ward County, North Dakota	460	9.4	2.0	(5.4–13.3)
Cuyahoga County, Ohio	714	7.8	1.4	(5.0–10.5)
Franklin County, Ohio	678	10.5	1.6	(7.3–13.6)
Hamilton County, Ohio	720	10.1	1.7	(6.7–13.4)
Lucas County, Ohio	723	12.1	1.7	(8.7–15.4)
Mahoning County, Ohio	728	6.7	1.2	(4.3–9.0)
Montgomery County, Ohio	696	10.0	1.9	(6.2–13.7)
Stark County, Ohio	711	7.3	1.3	(4.7–9.8)
Summit County, Ohio	697	10.5	1.5	(7.5–13.4)
Cleveland County, Oklahoma	433	9.2	1.8	(5.6–12.7)
Oklahoma County, Oklahoma	1,430	7.9	0.9	(6.1–9.6)
Tulsa County, Oklahoma	1,512	10.2	1.1	(8.0–12.3)
Clackamas County, Oregon	449	5.4	1.4	(2.6–8.1)
Lane County, Oregon	507	10.3	2.0	(6.3–14.2)
Multnomah County, Oregon	810	8.3	1.2	(5.9–10.6)
Washington County, Oregon	582	10.5	1.9	(6.7–14.2)
Allegheny County, Pennsylvania	1,369	8.2	0.9	(6.4–9.9)
Lehigh County, Pennsylvania	279	9.4	2.0	(5.4–13.3)
Luzerne County, Pennsylvania	312	8.8	2.3	(4.2–13.3)
Montgomery County, Pennsylvania	344	7.3	1.9	(3.5–11.0)
Northampton County, Pennsylvania	257	9.8	2.4	(5.0–14.5)
Philadelphia County, Pennsylvania	1,396	12.6	1.3	(10.0–15.1)
Westmoreland County, Pennsylvania	339	13.9	2.6	(8.8–18.9)
Bristol County, Rhode Island	277	11.8	2.5	(6.9–16.7)
Kent County, Rhode Island	935	10.4	1.2	(8.0–12.7)
Newport County, Rhode Island	482	9.0	1.9	(5.2–12.7)
Providence County, Rhode Island	4,120	12.6	1.0	(10.6–14.5)
Washington County, Rhode Island	746	6.8	1.2	(4.4–9.1)
Aiken County, South Carolina	470	8.6	1.7	(5.2–11.9)
Beaufort County, South Carolina	674	5.1	1.0	(3.1–7.0)
Berkeley County, South Carolina	358	7.8	1.9	(4.0–11.5)
Charleston County, South Carolina	667	4.4	1.0	(2.4–6.3)
Greenville County, South Carolina	491	9.6	2.6	(4.5–14.6)
Horry County, South Carolina	552	10.1	1.8	(6.5–13.6)

See footnotes on page 196.

**TABLE 54. Estimated prevalence of adults aged  $\geq 18$  years told by a health professional that they currently have asthma,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	661	7.2	1.5	(4.2–10.1)
Minnehaha County, South Dakota	597	7.7	1.5	(4.7–10.6)
Pennington County, South Dakota	659	7.0	1.1	(4.8–9.1)
Davidson County, Tennessee	417	3.3	0.9	(1.5–5.0)
Hamilton County, Tennessee	386	4.5	1.3	(1.9–7.0)
Knox County, Tennessee	369	5.3	1.4	(2.5–8.0)
Shelby County, Tennessee	394	5.4	1.5	(2.4–8.3)
Sullivan County, Tennessee	460	8.0	2.1	(3.8–12.1)
Bexar County, Texas	960	7.1	1.1	(4.9–9.2)
Dallas County, Texas	387	11.1	2.6	(6.0–16.1)
El Paso County, Texas	867	5.8	0.9	(4.0–7.5)
Fort Bend County, Texas	921	4.8	0.7	(3.4–6.1)
Harris County, Texas	1,454	5.1	0.7	(3.7–6.4)
Hidalgo County, Texas	594	5.2	1.3	(2.6–7.7)
Lubbock County, Texas	751	8.6	1.4	(5.8–11.3)
Midland County, Texas	521	12.4	2.2	(8.0–16.7)
Potter County, Texas	335	6.8	1.6	(3.6–9.9)
Randall County, Texas	453	11.9	2.7	(6.6–17.1)
Smith County, Texas	670	9.7	2.5	(4.8–14.6)
Tarrant County, Texas	602	9.7	2.1	(5.5–13.8)
Travis County, Texas	754	7.0	1.7	(3.6–10.3)
Val Verde County, Texas	558	5.0	1.0	(3.0–6.9)
Webb County, Texas	918	3.4	0.6	(2.2–4.5)
Wichita County, Texas	671	11.4	1.9	(7.6–15.1)
Davis County, Utah	876	5.8	0.9	(4.0–7.5)
Salt Lake County, Utah	3,266	10.1	0.7	(8.7–11.4)
Summit County, Utah	451	6.9	1.2	(4.5–9.2)
Tooele County, Utah	564	11.8	2.9	(6.1–17.4)
Utah County, Utah	1,107	10.7	1.8	(7.1–14.2)
Weber County, Utah	771	9.9	1.4	(7.1–12.6)
Chittenden County, Vermont	1,425	10.5	1.3	(7.9–13.0)
Franklin County, Vermont	484	10.3	1.8	(6.7–13.8)
Orange County, Vermont	354	13.6	2.1	(9.4–17.7)
Rutland County, Vermont	654	14.5	2.0	(10.5–18.4)
Washington County, Vermont	667	7.3	1.2	(4.9–9.6)
Windsor County, Vermont	676	11.4	1.6	(8.2–14.5)
Benton County, Washington	390	7.8	1.5	(4.8–10.7)
Clark County, Washington	1,088	9.9	1.2	(7.5–12.2)
Franklin County, Washington	254	9.0	2.3	(4.4–13.5)
King County, Washington	3,018	8.7	0.7	(7.3–10.0)
Kitsap County, Washington	913	12.2	1.5	(9.2–15.1)
Pierce County, Washington	1,711	10.4	1.0	(8.4–12.3)
Snohomish County, Washington	1,638	9.4	1.0	(7.4–11.3)
Spokane County, Washington	1,204	12.5	1.5	(9.5–15.4)
Thurston County, Washington	771	11.4	1.5	(8.4–14.3)
Yakima County, Washington	738	7.8	1.2	(5.4–10.1)
Kanawha County, West Virginia	488	5.8	1.3	(3.2–8.3)
Milwaukee County, Wisconsin	1,214	12.4	1.8	(8.8–15.9)
Laramie County, Wyoming	905	11.0	1.4	(8.2–13.7)
Natrona County, Wyoming	766	10.0	1.5	(7.0–12.9)
Median		8.9		
Range		3.3–14.6		

Abbreviations: SE = standard error; CI = confidence interval.

\* Defined as ever been told by a health professional that the respondent had asthma and reporting that they still have asthma.

† Estimate not available (NA) if the unweighted sample size for the denominator was &lt;50 or if the confidence interval half width is &gt;10.



**TABLE 55. Estimated prevalence of adults aged  $\geq 18$  years who were ever been told by a doctor that they have diabetes,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,661	13.2	0.5	(12.2–14.2)
Alaska	1,960	5.3	0.7	(3.9–6.6)
Arizona	5,753	9.0	0.6	(7.8–10.2)
Arkansas	4,021	9.6	0.5	(8.6–10.7)
California	17,770	8.6	0.3	(8.1–9.1)
Colorado	11,648	6.0	0.3	(5.5–6.5)
Connecticut	6,771	7.3	0.4	(6.5–8.1)
Delaware	4,241	8.7	0.5	(7.7–9.7)
District of Columbia	3,972	8.3	0.5	(7.3–9.3)
Florida	35,071	10.4	0.3	(9.8–11.1)
Georgia	5,780	9.7	0.5	(8.8–10.6)
Hawaii	6,546	8.3	0.4	(7.4–9.1)
Idaho	7,001	7.9	0.4	(7.2–8.7)
Illinois	5,199	8.7	0.5	(7.8–9.7)
Indiana	10,210	9.8	0.4	(9.0–10.6)
Iowa	6,095	7.5	0.4	(6.8–8.3)
Kansas	8,557	8.4	0.3	(7.8–9.1)
Kentucky	8,054	10.0	0.4	(9.2–10.9)
Louisiana	7,027	10.3	0.4	(9.5–11.1)
Maine	8,123	8.7	0.3	(8.0–9.3)
Maryland	9,167	9.3	0.4	(8.5–10.1)
Massachusetts	16,287	7.4	0.3	(6.9–8.0)
Michigan	8,856	10.1	0.4	(9.4–10.9)
Minnesota	8,957	6.7	0.4	(5.9–7.5)
Mississippi	8,082	12.4	0.5	(11.4–13.3)
Missouri	5,426	9.4	0.5	(8.4–10.4)
Montana	7,299	7.0	0.4	(6.2–7.8)
Nebraska	16,377	7.7	0.3	(7.0–8.3)
Nevada	3,908	8.5	0.7	(7.2–9.8)
New Hampshire	6,041	7.9	0.4	(7.1–8.7)
New Jersey	12,425	9.2	0.3	(8.5–9.8)
New Mexico	6,994	8.5	0.4	(7.7–9.2)
New York	8,937	8.9	0.3	(8.2–9.5)
North Carolina	12,129	9.8	0.3	(9.1–10.4)
North Dakota	4,760	7.4	0.4	(6.6–8.2)
Ohio	9,842	10.1	0.4	(9.3–10.9)
Oklahoma	7,732	10.4	0.4	(9.7–11.2)
Oregon	5,059	7.2	0.4	(6.4–7.9)
Pennsylvania	11,222	10.3	0.4	(9.6–11.0)
Rhode Island	6,595	7.8	0.4	(7.1–8.6)
South Carolina	9,416	10.7	0.5	(9.7–11.6)
South Dakota	6,722	6.9	0.4	(6.2–7.6)
Tennessee	5,763	11.3	0.6	(10.2–12.4)
Texas	18,051	9.7	0.4	(9.0–10.4)
Utah	10,166	6.5	0.3	(5.9–7.0)
Vermont	6,791	6.8	0.3	(6.2–7.4)
Virginia	5,385	8.7	0.5	(7.7–9.7)
Washington	19,612	7.6	0.2	(7.2–8.1)
West Virginia	4,397	11.7	0.5	(10.7–12.7)
Wisconsin	4,775	7.1	0.4	(6.3–8.0)
Wyoming	5,834	7.2	0.4	(6.5–7.9)
Guam	783	11.0	1.2	(8.6–13.4)
Puerto Rico	3,537	12.8	0.6	(11.6–14.0)
Virgin Islands	1,819	9.1	0.8	(7.6–10.6)
Median		8.7		
Range		5.3–13.2		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Did not include diabetes during pregnancy in females, or prediabetes or borderline diabetes in adults.

**TABLE 56. Estimated prevalence of adults aged ≥18 years who were ever been told by a doctor that they have diabetes,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	809	10.8	1.7	(7.4–14.1)
Albuquerque, New Mexico	2,195	7.1	0.6	(5.9–8.2)
Allentown--ethlehem--aston, Pennsylvania--ew Jersey	1,090	8.9	1.1	(6.7–11.0)
Amarillo, Texas	829	9.8	1.2	(7.4–12.1)
Arcadia, Florida	503	11.2	2.2	(6.8–15.5)
Asheville, North Carolina	547	9.8	1.4	(7.0–12.5)
Atlanta--andy Springs--arietta, Georgia	2,350	8.7	0.7	(7.3–10.0)
Atlantic City, New Jersey	920	9.0	1.3	(6.4–11.5)
Augusta--ichmond County, Georgia--outh Carolina	872	9.1	1.2	(6.7–11.4)
Augusta--aterville, Maine	653	7.7	1.0	(5.7–9.6)
Austin--ound Rock, Texas	975	5.7	0.9	(3.9–7.4)
Baltimore--owson, Maryland	3,336	9.9	0.7	(8.5–11.2)
Bangor, Maine	691	11.1	1.3	(8.5–13.6)
Barre, Vermont	669	6.2	0.9	(4.4–7.9)
Baton Rouge, Louisiana	1,201	10.1	1.0	(8.1–12.0)
Bethesda--aithersburg--rederick, Maryland†	1,639	6.0	0.6	(4.8–7.1)
Billings, Montana	537	7.1	1.3	(4.5–9.6)
Birmingham--oover, Alabama	1,198	12.4	1.1	(10.2–14.5)
Bismarck, North Dakota	771	6.0	0.8	(4.4–7.5)
Boise City--ampa, Idaho	1,662	7.4	0.7	(6.0–8.7)
Boston--uincy, Massachusetts†	3,308	7.8	0.6	(6.6–8.9)
Bremerton--ilverdale, Washington	923	6.7	0.9	(4.9–8.4)
Bridgeport--tamford--orwalk, Connecticut	2,183	6.0	0.7	(4.6–7.3)
Buffalo--heektowaga--onawanda, New York	609	8.0	1.0	(6.0–9.9)
Burlington--outh Burlington, Vermont	1,996	6.2	0.6	(5.0–7.3)
Cambridge--ewton--ramingham, Massachusetts†	3,023	5.8	0.5	(4.8–6.7)
Camden, New Jersey†	1,700	9.8	0.9	(8.0–11.5)
Canton--assillon, Ohio	747	8.8	1.2	(6.4–11.1)
Cape Coral--ort Myers, Florida	517	8.4	1.3	(5.8–10.9)
Casper, Wyoming	767	8.2	1.2	(5.8–10.5)
Cedar Rapids, Iowa	559	9.0	1.2	(6.6–11.3)
Charleston, West Virginia	770	10.1	1.1	(7.9–12.2)
Charleston--orth Charleston, South Carolina	1,151	11.6	1.7	(8.2–14.9)
Charlotte--astonia--oncord, North Carolina--outh Carolina	1,711	9.2	0.9	(7.4–10.9)
Chattanooga, Tennessee--eorgia	538	8.8	1.5	(5.8–11.7)
Cheyenne, Wyoming	912	8.9	0.9	(7.1–10.6)
Chicago--aperville--oliet, Illinois--ndiana--isconsin	5,016	8.8	0.5	(7.8–9.7)
Cincinnati--iddletown, Ohio--entucky--ndiana	1,797	9.9	0.9	(8.1–11.6)
Cleveland--lyria--entor, Ohio	1,099	10.6	1.0	(8.6–12.5)
Coeur d'Alene, Idaho	570	8.4	1.3	(5.8–10.9)
Colorado Springs, Colorado	1,169	5.9	0.7	(4.5–7.2)
Columbia, South Carolina	1,138	9.4	1.1	(7.2–11.5)
Columbus, Ohio	1,389	9.3	0.9	(7.5–11.0)
Concord, New Hampshire	641	6.5	1.1	(4.3–8.6)
Dallas--lano--rving, Texas†	720	8.1	1.1	(5.9–10.2)
Dayton, Ohio	853	11.6	1.7	(8.2–14.9)
Del Rio, Texas	559	13.3	2.0	(9.3–17.2)
Deltona--aytona Beach--rmond Beach, Florida	862	13.6	1.6	(10.4–16.7)
Denver--urora, Colorado	4,833	5.4	0.3	(4.8–5.9)
Des Moines--est Des Moines, Iowa	1,003	6.8	0.8	(5.2–8.3)
Detroit--ivonia--earborn, Michigan†	1,913	12.1	0.9	(10.3–13.8)
Dover, Delaware	1,254	10.2	0.9	(8.4–11.9)
Durham, North Carolina	1,035	7.3	1.0	(5.3–9.2)
Edison, New Jersey†	2,266	9.5	0.8	(7.9–11.0)
El Paso, Texas	872	12.2	1.2	(9.8–14.5)
Eugene--pringfield, Oregon	511	7.0	1.0	(5.0–8.9)
Evansville, Indiana--entucky	536	9.8	1.6	(6.6–12.9)
Fargo, North Dakota--innesota	834	8.5	1.7	(5.1–11.8)
Farmington, New Mexico	686	7.8	1.5	(4.8–10.7)
Fayetteville--pringdale--ogers, Arkansas--issouri	700	6.8	1.2	(4.4–9.1)
Fort Collins--oveland, Colorado	561	4.7	0.9	(2.9–6.4)
Fort Wayne, Indiana	722	11.4	1.7	(8.0–14.7)
Fort Worth--rlington, Texas†	736	11.7	1.8	(8.1–15.2)

See footnotes on page 201.

**TABLE 56. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who were ever been told by a doctor that they have diabetes,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	953	4.6	0.8	(3.0–6.1)
Grand Island, Nebraska	862	9.0	1.2	(6.6–11.3)
Grand Rapids–Wyoming, Michigan	621	9.9	1.4	(7.1–12.6)
Greensboro–High Point, North Carolina	1,161	10.6	1.1	(8.4–12.7)
Greenville, South Carolina	781	8.7	1.2	(6.3–11.0)
Hagerstown–Martinsburg, Maryland–West Virginia	644	7.9	1.0	(5.9–9.8)
Hartford–West Hartford–East Hartford, Connecticut	2,020	7.9	0.7	(6.5–9.2)
Hastings, Nebraska	589	8.2	1.2	(5.8–10.5)
Helena, Montana	641	5.7	1.1	(3.5–7.8)
Hickory–Morganton–Lenoir, North Carolina	600	10.0	1.3	(7.4–12.5)
Hilo, Hawaii	1,480	8.2	0.7	(6.8–9.5)
Hilton Head Island–Beaufort, South Carolina	802	8.7	1.4	(5.9–11.4)
Homosassa Springs, Florida	535	10.1	1.4	(7.3–12.8)
Honolulu, Hawaii	2,956	8.5	0.6	(7.3–9.6)
Houston–Sugar Land–Baytown, Texas	2,744	8.5	0.7	(7.1–9.8)
Huntington–Ashland, West Virginia–Kentucky–Ohio	659	13.0	1.5	(10.0–15.9)
Idaho Falls, Idaho	666	8.4	1.3	(5.8–10.9)
Indianapolis–Carmel, Indiana	2,256	9.6	0.8	(8.0–11.1)
Jackson, Mississippi	761	11.7	1.3	(9.1–14.2)
Jacksonville, Florida	2,590	9.3	0.9	(7.5–11.0)
Kahului–Wailuku, Hawaii	1,465	7.8	0.8	(6.2–9.3)
Kalispell, Montana	701	4.9	0.8	(3.3–6.4)
Kansas City, Missouri–Kansas	3,379	9.1	0.7	(7.7–10.4)
Kapaa, Hawaii	645	6.2	0.9	(4.4–7.9)
Kennewick–Richland–Pasco, Washington	646	10.3	1.6	(7.1–13.4)
Key West–Marathon, Florida	505	7.3	1.5	(4.3–10.2)
Kingsport–Bristol, Tennessee–Virginia	655	11.1	1.6	(7.9–14.2)
Knoxville, Tennessee	529	9.1	1.4	(6.3–11.8)
Lake City, Florida	566	11.9	1.6	(8.7–15.0)
Lakeland–Winter Haven, Florida	521	13.9	1.8	(10.3–17.4)
Laredo, Texas	920	13.4	1.2	(11.0–15.7)
Las Cruces, New Mexico	503	12.0	1.5	(9.0–14.9)
Las Vegas–Paradise, Nevada	1,268	9.0	0.9	(7.2–10.7)
Lebanon, New Hampshire–Vermont	1,557	8.1	0.8	(6.5–9.6)
Lewiston, Idaho–Washington	602	12.2	1.5	(9.2–15.1)
Lewiston–Auburn, Maine	502	9.5	1.3	(6.9–12.0)
Lincoln, Nebraska	1,134	6.1	0.8	(4.5–7.6)
Little Rock–North Little Rock, Arkansas	822	10.0	1.3	(7.4–12.5)
Los Angeles–Long Beach–Glendale, California†	2,616	8.7	0.6	(7.5–9.8)
Louisville, Kentucky–Indiana	907	6.9	0.9	(5.1–8.6)
Lubbock, Texas	780	11.0	1.9	(7.2–14.7)
Manchester–Nashua, New Hampshire	1,420	7.1	0.7	(5.7–8.4)
McAllen–Edinburg–Mission, Texas	596	13.8	1.6	(10.6–16.9)
Memphis, Tennessee–Mississippi–Arkansas	1,157	12.7	1.5	(9.7–15.6)
Miami–Fort Lauderdale–Miami Beach, Florida	1,029	7.5	0.9	(5.7–9.2)
Midland, Texas	525	9.8	1.5	(6.8–12.7)
Milwaukee–Waukesha–West Allis, Wisconsin	1,531	7.6	0.9	(5.8–9.3)
Minneapolis–St. Paul–Bloomington, Minnesota–Wisconsin	4,865	5.3	0.4	(4.5–6.0)
Minot, North Dakota	556	8.2	1.3	(5.6–10.7)
Mobile, Alabama	681	11.5	1.3	(8.9–14.0)
Myrtle Beach–Conway–North Myrtle Beach, South Carolina	554	10.5	1.4	(7.7–13.2)
Naples–Marco Island, Florida	522	9.2	1.4	(6.4–11.9)
Nashville–Davidson–Murfreesboro, Tennessee	830	8.7	1.1	(6.5–10.8)
Nassau–Suffolk, New York*	1,072	6.6	0.8	(5.0–8.1)
Newark–Union, New Jersey–Pennsylvania†	3,324	9.6	0.7	(8.2–10.9)
New Haven–Milford, Connecticut	1,674	8.0	0.9	(6.2–9.7)
New Orleans–Metairie–Kenner, Louisiana	1,536	11.0	0.9	(9.2–12.7)
New York–White Plains–Wayne, New York–New Jersey†	6,197	8.7	0.4	(7.9–9.4)
Norfolk, Nebraska	675	6.6	0.9	(4.8–8.3)
North Platte, Nebraska	578	9.3	1.4	(6.5–12.0)
North Port–Bradenton–Sarasota, Florida	1,135	9.3	0.9	(7.5–11.0)
Ocala, Florida	589	12.1	1.5	(9.1–15.0)
Ocean City, New Jersey	521	11.8	1.5	(8.8–14.7)

See footnotes on page 201.

**TABLE 56. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who were ever been told by a doctor that they have diabetes,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden–Clearfield, Utah	1,701	6.9	0.7	(5.5–8.2)
Oklahoma City, Oklahoma	2,469	8.7	0.6	(7.5–9.8)
Olympia, Washington	777	7.4	0.9	(5.6–9.1)
Omaha–Council Bluffs, Nebraska–Iowa	2,358	7.5	0.6	(6.3–8.6)
Orlando–Kissimmee, Florida	2,676	11.3	0.9	(9.5–13.0)
Palm Bay–Melbourne–Titusville, Florida	527	11.4	1.6	(8.2–14.5)
Panama City–Lynn Haven, Florida	545	8.9	1.3	(6.3–11.4)
Peabody, Massachusetts	2,133	7.4	0.9	(5.6–9.1)
Pensacola–Ferry Pass–Brent, Florida	1,016	11.3	1.2	(8.9–13.6)
Philadelphia, Pennsylvania†	2,366	10.3	0.9	(8.5–12.0)
Phoenix–Mesa–Scottsdale, Arizona	1,688	7.1	0.7	(5.7–8.4)
Pittsburgh, Pennsylvania	2,422	9.2	0.6	(8.0–10.3)
Portland–South Portland–Biddeford, Maine	2,627	6.7	0.5	(5.7–7.6)
Portland–Vancouver–Beaverton, Oregon–Washington	3,402	6.5	0.4	(5.7–7.2)
Port St. Lucie–Fort Pierce, Florida	1,025	12.5	1.4	(9.7–15.2)
Providence–New Bedford–Fall River, Rhode Island–Massachusetts	9,523	7.9	0.3	(7.3–8.4)
Provo–Orem, Utah	1,177	4.8	0.6	(3.6–5.9)
Raleigh–Cary, North Carolina	1,028	7.4	0.9	(5.6–9.1)
Rapid City, South Dakota	847	7.5	0.9	(5.7–9.2)
Reno–Sparks, Nevada	1,326	6.7	0.9	(4.9–8.4)
Richmond, Virginia	802	9.8	1.4	(7.0–12.5)
Riverside–San Bernardino–Ontario, California	1,878	10.2	0.9	(8.4–11.9)
Rochester, New York	568	9.7	1.4	(6.9–12.4)
Rockingham County–Strafford County, New Hampshire†	1,607	7.7	0.8	(6.1–9.2)
Rutland, Vermont	659	7.7	1.2	(5.3–10.0)
Sacramento–Arden–Arcade–Roseville, California	1,294	8.3	0.9	(6.5–10.0)
St. Louis, Missouri–Illinois	1,749	8.5	0.9	(6.7–10.2)
Salt Lake City, Utah	4,314	6.6	0.4	(5.8–7.3)
San Antonio, Texas	1,128	9.2	0.9	(7.4–10.9)
San Diego–Carlsbad–San Marcos, California	1,695	8.9	0.8	(7.3–10.4)
San Francisco–Oakland–Fremont, California	2,357	7.1	0.6	(5.9–8.2)
San Jose–Sunnyvale–Santa Clara, California	913	8.6	1.2	(6.2–10.9)
Santa Ana–Anaheim–Irvine, California†	1,446	8.1	0.9	(6.3–9.8)
Santa Fe, New Mexico	610	6.0	1.2	(3.6–8.3)
Scottsbluff, Nebraska	760	9.4	1.0	(7.4–11.3)
Scranton–Wilkes–Barre, Pennsylvania	554	10.0	1.4	(7.2–12.7)
Seaford, Delaware	1,237	11.6	1.1	(9.4–13.7)
Seattle–Bellevue–Everett, Washington†	4,694	6.4	0.5	(5.4–7.3)
Sebring, Florida	522	14.1	2.0	(10.1–18.0)
Shreveport–Bossier City, Louisiana	681	10.0	1.2	(7.6–12.3)
Sioux City, Iowa–Nebraska–South Dakota	1,220	7.3	1.3	(4.7–9.8)
Sioux Falls, South Dakota	839	5.1	0.7	(3.7–6.4)
Spokane, Washington	1,217	8.3	0.8	(6.7–9.8)
Springfield, Massachusetts	2,053	7.7	0.7	(6.3–9.0)
Tacoma, Washington†	1,723	9.5	0.9	(7.7–11.2)
Tallahassee, Florida	2,046	11.6	1.5	(8.6–14.5)
Tampa–St. Petersburg–Clearwater, Florida	2,034	11.9	1.1	(9.7–14.0)
Toledo, Ohio	862	9.7	1.3	(7.1–12.2)
Topeka, Kansas	835	9.6	1.1	(7.4–11.7)
Trenton–Ewing, New Jersey	504	10.0	1.5	(7.0–12.9)
Tucson, Arizona	698	8.0	1.1	(5.8–10.1)
Tulsa, Oklahoma	2,141	10.9	0.8	(9.3–12.4)
Tuscaloosa, Alabama	518	9.3	1.1	(7.1–11.4)
Twin Falls, Idaho	539	8.3	1.2	(5.9–10.6)
Tyler, Texas	672	8.2	1.1	(6.0–10.3)
Virginia Beach–Norfolk–Newport News, Virginia–North Carolina	1,101	8.5	0.9	(6.7–10.2)
Warren–Troy–Farmington Hills, Michigan†	1,801	11.2	1.6	(8.0–14.3)
Washington–Arlington–Alexandria, District of Columbia–Virginia–Maryland–West Virginia†	6,444	8.7	0.8	(7.1–10.2)
Wauchula, Florida	530	15.4	2.4	(10.6–20.1)
West Palm Beach–Boca Raton–Boynton Beach, Florida†	553	9.7	1.7	(6.3–13.0)
Wichita, Kansas	1,852	7.8	0.6	(6.6–8.9)
Wichita Falls, Texas	829	10.4	1.2	(8.0–12.7)
Wilmington, Delaware–Maryland–New Jersey†	2,216	8.2	0.7	(6.8–9.5)

See footnotes on page 201.

**TABLE 56. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who were ever been told by a doctor that they have diabetes,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	2,100	8.3	0.8	(6.7–9.8)
Yakima, Washington	741	9.9	1.3	(7.3–12.4)
Youngstown–Warren–Boardman, Ohio–Pennsylvania	1,062	9.1	1.2	(6.7–11.4)
Median		8.9		
Range		4.6–15.4		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Did not include diabetes during pregnancy in females, or prediabetes or borderline diabetes in adults.

† Metropolitan division.

**TABLE 57. Estimated prevalence of adults aged  $\geq 18$  years who were ever been told by a doctor that they have diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	602	11.8	1.4	(9.0–14.5)
Mobile County, Alabama	681	11.5	1.3	(8.9–14.0)
Tuscaloosa County, Alabama	435	9.2	1.2	(6.8–11.5)
Maricopa County, Arizona	1,301	6.9	0.7	(5.5–8.2)
Pima County, Arizona	698	8.0	1.1	(5.8–10.1)
Pinal County, Arizona	387	10.1	1.9	(6.3–13.8)
Benton County, Arkansas	361	5.6	1.5	(2.6–8.5)
Pulaski County, Arkansas	559	9.1	1.4	(6.3–11.8)
Washington County, Arkansas	298	8.0	1.9	(4.2–11.7)
Alameda County, California	756	7.5	1.2	(5.1–9.8)
Contra Costa County, California	632	7.6	1.2	(5.2–9.9)
Los Angeles County, California	2,616	8.7	0.6	(7.5–9.8)
Orange County, California	1,446	8.1	0.9	(6.3–9.8)
Placer County, California	255	6.1	1.5	(3.1–9.0)
Riverside County, California	932	10.5	1.3	(7.9–13.0)
Sacramento County, California	752	8.6	1.1	(6.4–10.7)
San Bernardino County, California	946	10.1	1.1	(7.9–12.2)
San Diego County, California	1,695	8.9	0.8	(7.3–10.4)
San Francisco County, California	386	5.5	1.3	(2.9–8.0)
San Mateo County, California	384	8.1	1.5	(5.1–11.0)
Santa Clara County, California	875	8.9	1.3	(6.3–11.4)
Adams County, Colorado	807	6.3	1.0	(4.3–8.2)
Arapahoe County, Colorado	873	5.9	0.9	(4.1–7.6)
Denver County, Colorado	876	6.3	0.9	(4.5–8.0)
Douglas County, Colorado	578	3.6	0.7	(2.2–4.9)
El Paso County, Colorado	1,036	5.8	0.8	(4.2–7.3)
Jefferson County, Colorado	1,170	5.3	0.7	(3.9–6.6)
Larimer County, Colorado	561	4.7	0.9	(2.9–6.4)
Fairfield County, Connecticut	2,183	6.0	0.7	(4.6–7.3)
Hartford County, Connecticut	1,501	8.4	0.8	(6.8–9.9)
Middlesex County, Connecticut	264	7.6	1.7	(4.2–10.9)
New Haven County, Connecticut	1,674	8.0	0.9	(6.2–9.7)
Tolland County, Connecticut	255	7.8	1.9	(4.0–11.5)
Kent County, Delaware	1,254	10.2	0.9	(8.4–11.9)
New Castle County, Delaware	1,750	7.2	0.7	(5.8–8.5)
Sussex County, Delaware	1,237	11.6	1.1	(9.4–13.7)
District of Columbia, District of Columbia	3,972	7.6	0.5	(6.6–8.5)
Alachua County, Florida	535	4.7	0.9	(2.9–6.4)
Baker County, Florida	510	10.4	1.6	(7.2–13.5)
Bay County, Florida	545	8.9	1.3	(6.3–11.4)
Brevard County, Florida	527	11.4	1.6	(8.2–14.5)
Broward County, Florida	525	6.5	1.1	(4.3–8.6)
Citrus County, Florida	535	10.1	1.4	(7.3–12.8)
Clay County, Florida	485	8.8	1.4	(6.0–11.5)
Collier County, Florida	522	9.2	1.4	(6.4–11.9)
Columbia County, Florida	566	11.9	1.6	(8.7–15.0)
DeSoto County, Florida	503	11.2	2.2	(6.8–15.5)
Duval County, Florida	551	10.4	1.5	(7.4–13.3)
Escambia County, Florida	520	11.0	1.8	(7.4–14.5)
Gadsden County, Florida	510	18.8	3.6	(11.7–25.8)
Gilchrist County, Florida	418	10.2	2.4	(5.4–14.9)
Hardee County, Florida	530	15.4	2.4	(10.6–20.1)
Hernando County, Florida	489	11.4	1.7	(8.0–14.7)
Highlands County, Florida	522	14.1	2.0	(10.1–18.0)
Hillsborough County, Florida	506	11.6	1.8	(8.0–15.1)
Jefferson County, Florida	503	9.4	1.3	(6.8–11.9)
Lake County, Florida	607	12.6	1.5	(9.6–15.5)
Lee County, Florida	517	8.4	1.3	(5.8–10.9)
Leon County, Florida	498	10.1	1.9	(6.3–13.8)
Manatee County, Florida	525	10.9	1.4	(8.1–13.6)
Marion County, Florida	589	12.1	1.5	(9.1–15.0)
Martin County, Florida	521	7.8	1.4	(5.0–10.5)
Miami-Dade County, Florida	504	9.0	1.4	(6.2–11.7)

See footnotes on page 206.



**TABLE 57. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who were ever been told by a doctor that they have diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	505	7.3	1.5	(4.3–10.2)
Nassau County, Florida	522	6.8	1.2	(4.4–9.1)
Orange County, Florida	1,007	9.8	1.3	(7.2–12.3)
Osceola County, Florida	570	9.7	1.4	(6.9–12.4)
Palm Beach County, Florida	553	9.7	1.7	(6.3–13.0)
Pasco County, Florida	541	8.4	1.2	(6.0–10.7)
Pinellas County, Florida	498	11.3	1.6	(8.1–14.4)
Polk County, Florida	521	13.9	1.8	(10.3–17.4)
St. Johns County, Florida	522	5.8	0.9	(4.0–7.5)
St. Lucie County, Florida	504	15.3	1.9	(11.5–19.0)
Santa Rosa County, Florida	496	12.6	1.7	(9.2–15.9)
Sarasota County, Florida	610	8.5	1.3	(5.9–11.0)
Seminole County, Florida	492	12.7	2.1	(8.5–16.8)
Volusia County, Florida	862	13.6	1.6	(10.4–16.7)
Wakulla County, Florida	535	12.2	2.5	(7.3–17.1)
Cobb County, Georgia	254	10.5	2.3	(5.9–15.0)
DeKalb County, Georgia	342	7.9	1.8	(4.3–11.4)
Fulton County, Georgia	329	5.5	1.4	(2.7–8.2)
Gwinnett County, Georgia	251	5.5	1.5	(2.5–8.4)
Hawaii County, Hawaii	1,480	8.2	0.7	(6.8–9.5)
Honolulu County, Hawaii	2,956	8.5	0.6	(7.3–9.6)
Kauai County, Hawaii	645	6.2	0.9	(4.4–7.9)
Maui County, Hawaii	1,465	7.8	0.8	(6.2–9.3)
Ada County, Idaho	866	6.5	0.9	(4.7–8.2)
Bonneville County, Idaho	522	8.7	1.5	(5.7–11.6)
Canyon County, Idaho	618	8.6	1.3	(6.0–11.1)
Kootenai County, Idaho	570	8.4	1.3	(5.8–10.9)
Nez Perce County, Idaho	381	12.6	1.9	(8.8–16.3)
Twin Falls County, Idaho	434	8.3	1.4	(5.5–11.0)
Cook County, Illinois	2,885	10.0	0.7	(8.6–11.3)
DuPage County, Illinois	256	5.7	1.5	(2.7–8.6)
Allen County, Indiana	587	12.5	2.0	(8.5–16.4)
Lake County, Indiana	1,001	13.1	1.7	(9.7–16.4)
Marion County, Indiana	1,465	11.2	1.3	(8.6–13.7)
Linn County, Iowa	495	8.7	1.3	(6.1–11.2)
Polk County, Iowa	765	6.5	1.0	(4.5–8.4)
Johnson County, Kansas	1,412	6.7	0.7	(5.3–8.0)
Sedgwick County, Kansas	1,437	7.9	0.7	(6.5–9.2)
Shawnee County, Kansas	624	8.5	1.1	(6.3–10.6)
Wyandotte County, Kansas	607	12.7	1.6	(9.5–15.8)
Jefferson County, Kentucky	410	6.0	1.2	(3.6–8.3)
Caddo Parish, Louisiana	446	11.0	1.7	(7.6–14.3)
East Baton Rouge Parish, Louisiana	722	11.2	1.4	(8.4–13.9)
Jefferson Parish, Louisiana	595	12.6	1.4	(9.8–15.3)
Orleans Parish, Louisiana	376	12.3	1.9	(8.5–16.0)
St. Tammany Parish, Louisiana	372	8.9	1.5	(5.9–11.8)
Androscoggin County, Maine	502	9.5	1.3	(6.9–12.0)
Cumberland County, Maine	1,389	6.0	0.7	(4.6–7.3)
Kennebec County, Maine	653	7.7	1.0	(5.7–9.6)
Penobscot County, Maine	691	11.1	1.3	(8.5–13.6)
Sagadahoc County, Maine	298	8.2	1.7	(4.8–11.5)
York County, Maine	940	7.5	0.8	(5.9–9.0)
Anne Arundel County, Maryland	601	10.2	1.3	(7.6–12.7)
Baltimore County, Maryland	1,053	10.6	1.1	(8.4–12.7)
Cecil County, Maryland	270	7.6	1.6	(4.4–10.7)
Charles County, Maryland	349	7.9	1.5	(4.9–10.8)
Frederick County, Maryland	577	6.7	1.1	(4.5–8.8)
Harford County, Maryland	280	8.3	1.7	(4.9–11.6)
Howard County, Maryland	341	6.6	1.4	(3.8–9.3)
Montgomery County, Maryland	1,062	5.8	0.8	(4.2–7.3)
Prince George's County, Maryland	794	11.6	1.3	(9.0–14.1)
Queen Anne's County, Maryland	295	6.5	1.4	(3.7–9.2)
Washington County, Maryland	408	8.6	1.4	(5.8–11.3)

See footnotes on page 206.

**TABLE 57. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who were ever been told by a doctor that they have diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	532	12.2	2.1	(8.0–16.3)
Bristol County, Massachusetts	2,928	8.0	0.7	(6.6–9.3)
Essex County, Massachusetts	2,133	7.2	0.9	(5.4–8.9)
Hampden County, Massachusetts	1,595	9.7	1.0	(7.7–11.6)
Hampshire County, Massachusetts	275	3.6	0.9	(1.8–5.3)
Middlesex County, Massachusetts	3,023	5.7	0.5	(4.7–6.6)
Norfolk County, Massachusetts	860	6.4	0.8	(4.8–7.9)
Plymouth County, Massachusetts	686	7.5	1.0	(5.5–9.4)
Suffolk County, Massachusetts	1,762	7.9	0.9	(6.1–9.6)
Worcester County, Massachusetts	2,100	8.3	0.8	(6.7–9.8)
Kent County, Michigan	444	8.8	1.5	(5.8–11.7)
Macomb County, Michigan	516	12.9	2.2	(8.5–17.2)
Oakland County, Michigan	936	8.3	1.0	(6.3–10.2)
Wayne County, Michigan	1,913	12.1	0.9	(10.3–13.8)
Anoka County, Minnesota	397	5.1	1.3	(2.5–7.6)
Dakota County, Minnesota	571	4.1	0.9	(2.3–5.8)
Hennepin County, Minnesota	2,053	5.0	0.7	(3.6–6.3)
Ramsey County, Minnesota	918	6.3	1.5	(3.3–9.2)
Washington County, Minnesota	258	5.5	1.6	(2.3–8.6)
DeSoto County, Mississippi	370	7.1	1.5	(4.1–10.0)
Hinds County, Mississippi	340	14.8	2.4	(10.0–19.5)
Jackson County, Missouri	527	9.7	1.4	(6.9–12.4)
St. Louis County, Missouri	605	9.0	1.7	(5.6–12.3)
St. Louis city, Missouri	646	11.5	1.5	(8.5–14.4)
Flathead County, Montana	701	4.9	0.8	(3.3–6.4)
Lewis and Clark County, Montana	532	5.5	1.2	(3.1–7.8)
Yellowstone County, Montana	486	7.6	1.4	(4.8–10.3)
Adams County, Nebraska	480	8.8	1.5	(5.8–11.7)
Dakota County, Nebraska	740	9.4	1.1	(7.2–11.5)
Douglas County, Nebraska	951	7.9	1.0	(5.9–9.8)
Hall County, Nebraska	587	8.0	1.2	(5.6–10.3)
Lancaster County, Nebraska	849	6.0	0.8	(4.4–7.5)
Lincoln County, Nebraska	546	9.6	1.5	(6.6–12.5)
Madison County, Nebraska	468	6.1	1.0	(4.1–8.0)
Sarpy County, Nebraska	578	6.2	1.1	(4.0–8.3)
Scotts Bluff County, Nebraska	737	9.2	1.0	(7.2–11.1)
Seward County, Nebraska	285	7.7	1.7	(4.3–11.0)
Clark County, Nevada	1,268	9.0	0.9	(7.2–10.7)
Washoe County, Nevada	1,306	6.7	0.9	(4.9–8.4)
Grafton County, New Hampshire	517	8.8	1.6	(5.6–11.9)
Hillsborough County, New Hampshire	1,420	7.1	0.7	(5.7–8.4)
Merrimack County, New Hampshire	641	6.5	1.1	(4.3–8.6)
Rockingham County, New Hampshire	1,019	7.4	0.9	(5.6–9.1)
Strafford County, New Hampshire	588	8.0	1.2	(5.6–10.3)
Atlantic County, New Jersey	920	9.0	1.3	(6.4–11.5)
Bergen County, New Jersey	628	5.4	1.0	(3.4–7.3)
Burlington County, New Jersey	568	7.5	1.1	(5.3–9.6)
Camden County, New Jersey	605	9.5	1.3	(6.9–12.0)
Cape May County, New Jersey	521	11.8	1.5	(8.8–14.7)
Essex County, New Jersey	1,026	10.2	1.1	(8.0–12.3)
Gloucester County, New Jersey	527	11.2	1.8	(7.6–14.7)
Hudson County, New Jersey	1,099	8.6	1.0	(6.6–10.5)
Hunterdon County, New Jersey	515	5.7	1.1	(3.5–7.8)
Mercer County, New Jersey	504	10.0	1.5	(7.0–12.9)
Middlesex County, New Jersey	632	9.7	1.5	(6.7–12.6)
Monmouth County, New Jersey	563	7.8	1.3	(5.2–10.3)
Morris County, New Jersey	701	8.0	1.1	(5.8–10.1)
Ocean County, New Jersey	535	13.7	1.7	(10.3–17.0)
Passaic County, New Jersey	501	8.1	1.3	(5.5–10.6)
Somerset County, New Jersey	536	4.8	1.1	(2.6–6.9)
Sussex County, New Jersey	501	8.1	1.4	(5.3–10.8)
Union County, New Jersey	522	11.2	1.5	(8.2–14.1)
Warren County, New Jersey	481	8.5	1.3	(5.9–11.0)

See footnotes on page 206.

**TABLE 57. (Continued) Estimated prevalence of adults aged ≥ 18 years who were ever been told by a doctor that they have diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,264	6.8	0.7	(5.4–8.1)
Dona Ana County, New Mexico	503	12.0	1.5	(9.0–14.9)
Sandoval County, New Mexico	521	7.6	1.4	(4.8–10.3)
San Juan County, New Mexico	686	7.8	1.5	(4.8–10.7)
Santa Fe County, New Mexico	610	6.0	1.2	(3.6–8.3)
Valencia County, New Mexico	350	8.8	1.6	(5.6–11.9)
Bronx County, New York	436	8.3	1.3	(5.7–10.8)
Erie County, New York	479	8.5	1.3	(5.9–11.0)
Kings County, New York	911	11.1	1.4	(8.3–13.8)
Monroe County, New York	382	11.1	2.0	(7.1–15.0)
Nassau County, New York	478	8.2	1.5	(5.2–11.1)
New York County, New York	1,039	7.5	0.9	(5.7–9.2)
Queens County, New York	798	10.6	1.3	(8.0–13.1)
Suffolk County, New York	594	5.6	1.0	(3.6–7.5)
Westchester County, New York	383	8.2	1.6	(5.0–11.3)
Buncombe County, North Carolina	263	10.9	2.2	(6.5–15.2)
Cabarrus County, North Carolina	308	8.2	1.7	(4.8–11.5)
Catawba County, North Carolina	294	9.0	1.9	(5.2–12.7)
Durham County, North Carolina	621	7.3	1.2	(4.9–9.6)
Gaston County, North Carolina	267	11.2	2.0	(7.2–15.1)
Guilford County, North Carolina	695	10.4	1.4	(7.6–13.1)
Johnston County, North Carolina	276	14.8	2.3	(10.2–19.3)
Mecklenburg County, North Carolina	609	8.4	1.2	(6.0–10.7)
Orange County, North Carolina	299	5.6	1.3	(3.0–8.1)
Randolph County, North Carolina	397	11.2	1.7	(7.8–14.5)
Union County, North Carolina	349	6.5	1.2	(4.1–8.8)
Wake County, North Carolina	713	5.5	0.9	(3.7–7.2)
Burleigh County, North Dakota	560	5.5	0.8	(3.9–7.0)
Cass County, North Dakota	780	5.8	0.8	(4.2–7.3)
Ward County, North Dakota	465	8.1	1.4	(5.3–10.8)
Cuyahoga County, Ohio	719	10.8	1.3	(8.2–13.3)
Franklin County, Ohio	681	9.8	1.4	(7.0–12.5)
Hamilton County, Ohio	728	9.2	1.1	(7.0–11.3)
Lucas County, Ohio	729	10.2	1.3	(7.6–12.7)
Mahoning County, Ohio	730	11.7	1.6	(8.5–14.8)
Montgomery County, Ohio	704	11.0	1.4	(8.2–13.7)
Stark County, Ohio	716	8.5	1.0	(6.5–10.4)
Summit County, Ohio	703	10.2	1.4	(7.4–12.9)
Cleveland County, Oklahoma	434	6.6	1.3	(4.0–9.1)
Oklahoma County, Oklahoma	1,435	9.1	0.8	(7.5–10.6)
Tulsa County, Oklahoma	1,520	10.0	0.8	(8.4–11.5)
Clackamas County, Oregon	451	8.4	1.3	(5.8–10.9)
Lane County, Oregon	511	7.0	1.0	(5.0–8.9)
Multnomah County, Oregon	817	6.7	0.8	(5.1–8.2)
Washington County, Oregon	586	5.0	0.8	(3.4–6.5)
Allegheny County, Pennsylvania	1,382	8.6	0.8	(7.0–10.1)
Lehigh County, Pennsylvania	283	10.0	1.9	(6.2–13.7)
Luzerne County, Pennsylvania	312	9.8	1.7	(6.4–13.1)
Montgomery County, Pennsylvania	347	8.0	1.6	(4.8–11.1)
Northampton County, Pennsylvania	260	5.4	1.3	(2.8–7.9)
Philadelphia County, Pennsylvania	1,402	12.0	1.1	(9.8–14.1)
Westmoreland County, Pennsylvania	339	10.6	1.9	(6.8–14.3)
Bristol County, Rhode Island	278	3.6	1.0	(1.6–5.5)
Kent County, Rhode Island	940	9.0	1.1	(6.8–11.1)
Newport County, Rhode Island	488	7.0	1.1	(4.8–9.1)
Providence County, Rhode Island	4,142	8.6	0.5	(7.6–9.5)
Washington County, Rhode Island	747	5.9	0.9	(4.1–7.6)
Aiken County, South Carolina	475	10.3	1.5	(7.3–13.2)
Beaufort County, South Carolina	680	8.9	1.6	(5.7–12.0)
Berkeley County, South Carolina	358	15.3	4.1	(7.2–23.3)
Charleston County, South Carolina	669	9.9	2.0	(5.9–13.8)
Greenville County, South Carolina	496	8.7	1.5	(5.7–11.6)
Horry County, South Carolina	554	10.5	1.5	(7.5–13.4)

See footnotes on page 206.

**TABLE 57. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who were ever been told by a doctor that they have diabetes,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	666	8.8	1.4	(6.0–11.5)
Minnehaha County, South Dakota	605	5.6	0.9	(3.8–7.3)
Pennington County, South Dakota	667	6.5	0.9	(4.7–8.2)
Davidson County, Tennessee	418	11.3	1.9	(7.5–15.0)
Hamilton County, Tennessee	387	11.0	2.0	(7.0–14.9)
Knox County, Tennessee	370	8.8	1.6	(5.6–11.9)
Shelby County, Tennessee	394	13.0	2.2	(8.6–17.3)
Sullivan County, Tennessee	461	13.0	1.9	(9.2–16.7)
Bexar County, Texas	969	9.9	1.0	(7.9–11.8)
Dallas County, Texas	392	9.4	1.6	(6.2–12.5)
El Paso County, Texas	872	12.2	1.2	(9.8–14.5)
Fort Bend County, Texas	928	7.0	0.9	(5.2–8.7)
Harris County, Texas	1,461	9.2	0.9	(7.4–10.9)
Hidalgo County, Texas	596	13.8	1.6	(10.6–16.9)
Lubbock County, Texas	756	9.8	1.2	(7.4–12.1)
Midland County, Texas	525	9.8	1.5	(6.8–12.7)
Potter County, Texas	337	10.5	2.0	(6.5–14.4)
Randall County, Texas	461	8.9	1.6	(5.7–12.0)
Smith County, Texas	672	8.2	1.1	(6.0–10.3)
Tarrant County, Texas	604	10.2	1.8	(6.6–13.7)
Travis County, Texas	762	5.1	1.2	(2.7–7.4)
Val Verde County, Texas	559	13.3	2.0	(9.3–17.2)
Webb County, Texas	920	13.4	1.2	(11.0–15.7)
Wichita County, Texas	678	10.2	1.3	(7.6–12.7)
Davis County, Utah	879	6.2	0.9	(4.4–7.9)
Salt Lake County, Utah	3,293	6.6	0.4	(5.8–7.3)
Summit County, Utah	453	2.6	0.7	(1.2–3.9)
Tooele County, Utah	568	9.0	1.2	(6.6–11.3)
Utah County, Utah	1,114	4.8	0.6	(3.6–5.9)
Weber County, Utah	777	8.1	1.1	(5.9–10.2)
Chittenden County, Vermont	1,429	5.3	0.6	(4.1–6.4)
Franklin County, Vermont	486	8.5	1.3	(5.9–11.0)
Orange County, Vermont	358	8.4	1.4	(5.6–11.1)
Rutland County, Vermont	659	7.7	1.2	(5.3–10.0)
Washington County, Vermont	669	6.2	0.9	(4.4–7.9)
Windsor County, Vermont	682	7.7	1.1	(5.5–9.8)
Benton County, Washington	392	8.8	1.5	(5.8–11.7)
Clark County, Washington	1,094	8.0	0.8	(6.4–9.5)
Franklin County, Washington	254	14.4	3.8	(6.9–21.8)
King County, Washington	3,040	5.8	0.5	(4.8–6.7)
Kitsap County, Washington	923	6.7	0.9	(4.9–8.4)
Pierce County, Washington	1,723	9.3	0.8	(7.7–10.8)
Snohomish County, Washington	1,654	7.0	0.7	(5.6–8.3)
Spokane County, Washington	1,217	8.3	0.8	(6.7–9.8)
Thurston County, Washington	777	7.4	0.9	(5.6–9.1)
Yakima County, Washington	741	9.9	1.3	(7.3–12.4)
Kanawha County, West Virginia	490	9.7	1.3	(7.1–12.2)
Milwaukee County, Wisconsin	1,218	8.9	1.2	(6.5–11.2)
Laramie County, Wyoming	912	8.9	0.9	(7.1–10.6)
Natrona County, Wyoming	767	8.2	1.2	(5.8–10.5)
Median		8.6		
Range		2.6–18.8		

Abbreviations: SE = standard error; CI = confidence interval.

\* Did not include diabetes during pregnancy in females, or prediabetes or borderline diabetes in adults.

**TABLE 58. Estimated prevalence of adults aged  $\geq 18$  years who reported limited activities due to physical, mental or emotional problems, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,631	25.9	0.7	(24.5–27.3)
Alaska	1,933	20.2	1.3	(17.7–22.8)
Arizona	5,729	22.1	0.9	(20.3–23.8)
Arkansas	4,006	24.7	1.0	(22.7–26.7)
California	17,755	18.1	0.4	(17.4–18.9)
Colorado	11,603	20.6	0.5	(19.6–21.7)
Connecticut	6,746	16.6	0.6	(15.4–17.7)
Delaware	4,237	21.4	0.9	(19.7–23.1)
District of Columbia	3,954	16.5	0.7	(15.1–17.9)
Florida	34,874	24.3	0.5	(23.3–25.3)
Georgia	5,767	19.3	0.7	(18.0–20.7)
Hawaii	6,528	16.2	0.7	(14.9–17.5)
Idaho	6,963	23.2	0.7	(21.9–24.6)
Illinois	5,192	17.8	0.7	(16.5–19.2)
Indiana	10,154	22.0	0.6	(20.8–23.1)
Iowa	6,073	17.6	0.6	(16.3–18.8)
Kansas	8,538	20.4	0.5	(19.3–21.4)
Kentucky	8,038	25.0	0.7	(23.5–26.4)
Louisiana	7,008	21.9	0.7	(20.6–23.2)
Maine	8,092	23.8	0.6	(22.6–25.0)
Maryland	9,146	18.4	0.6	(17.3–19.5)
Massachusetts	16,225	18.1	0.5	(17.2–19.0)
Michigan	8,840	22.6	0.6	(21.5–23.8)
Minnesota	8,924	17.3	0.7	(15.8–18.7)
Mississippi	8,061	25.3	0.7	(23.9–26.7)
Missouri	5,405	24.8	0.9	(22.9–26.6)
Montana	7,272	24.0	0.8	(22.3–25.6)
Nebraska	16,326	18.9	0.6	(17.8–20.1)
Nevada	3,903	21.0	1.0	(19.1–22.9)
New Hampshire	6,020	20.0	0.7	(18.7–21.3)
New Jersey	12,381	16.9	0.5	(16.0–17.8)
New Mexico	6,978	23.0	0.7	(21.6–24.4)
New York	8,883	20.5	0.5	(19.5–21.6)
North Carolina	12,099	21.2	0.6	(20.1–22.3)
North Dakota	4,743	18.0	0.8	(16.5–19.5)
Ohio	9,813	21.8	0.6	(20.6–22.9)
Oklahoma	7,720	26.4	0.6	(25.1–27.6)
Oregon	5,024	27.0	0.9	(25.3–28.7)
Pennsylvania	11,160	21.9	0.5	(20.8–22.9)
Rhode Island	6,574	19.0	0.7	(17.6–20.3)
South Carolina	9,339	23.6	0.8	(21.9–25.2)
South Dakota	6,701	19.9	0.7	(18.6–21.2)
Tennessee	5,748	23.9	0.9	(22.2–25.6)
Texas	17,969	18.9	0.6	(17.8–20.0)
Utah	10,116	19.7	0.6	(18.6–20.9)
Vermont	6,748	21.5	0.6	(20.3–22.8)
Virginia	5,359	19.6	0.9	(17.8–21.4)
Washington	19,501	25.7	0.4	(24.9–26.6)
West Virginia	4,391	28.2	0.8	(26.6–29.9)
Wisconsin	4,768	17.8	0.7	(16.4–19.3)
Wyoming	5,808	21.2	0.7	(19.9–22.6)
Guam	780	10.8	1.4	(8.2–13.5)
Puerto Rico	3,541	15.6	0.7	(14.1–17.0)
Virgin Islands	1,809	11.4	1.0	(9.4–13.4)
Median		20.8		
Range		10.8–28.2		

Abbreviations: SE = standard error; CI = confidence interval.

**TABLE 59. Estimated prevalence of adults aged  $\geq 18$  years who reported limited activities due to physical, mental or emotional problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	808	22.2	1.9	(18.4–25.9)
Albuquerque, New Mexico	2,186	22.8	1.3	(20.2–25.3)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,081	17.7	1.4	(14.9–20.4)
Amarillo, Texas	826	20.5	1.8	(16.9–24.0)
Arcadia, Florida	498	22.5	2.8	(17.0–27.9)
Asheville, North Carolina	545	27.6	2.7	(22.3–32.8)
Atlanta-Sandy Springs-Marietta, Georgia	2,346	16.7	1.0	(14.7–18.6)
Atlantic City, New Jersey	916	18.1	1.7	(14.7–21.4)
Augusta-Richmond County, Georgia-South Carolina	870	19.6	1.7	(16.2–22.9)
Augusta-Waterville, Maine	651	23.1	2.2	(18.7–27.4)
Austin-Round Rock, Texas	973	17.3	2.2	(12.9–21.6)
Baltimore-Towson, Maryland	3,329	20.1	0.9	(18.3–21.8)
Bangor, Maine	688	25.9	2.0	(21.9–29.8)
Barre, Vermont	660	20.5	2.0	(16.5–24.4)
Baton Rouge, Louisiana	1,196	18.2	1.5	(15.2–21.1)
Bethesda-Gaithersburg-Frederick, Maryland*	1,634	14.3	1.0	(12.3–16.2)
Billings, Montana	534	24.7	2.6	(19.6–29.7)
Birmingham-Hoover, Alabama	1,196	21.4	1.4	(18.6–24.1)
Bismarck, North Dakota	766	18.4	1.7	(15.0–21.7)
Boise City-Nampa, Idaho	1,649	23.3	1.4	(20.5–26.0)
Boston-Quincy, Massachusetts*	3,302	15.9	1.0	(13.9–17.8)
Bremerton-Silverdale, Washington	917	28.8	1.9	(25.0–32.5)
Bridgeport-Stamford-Norwalk, Connecticut	2,176	14.3	1.1	(12.1–16.4)
Buffalo-Cheektowaga-Tonawanda, New York	605	24.2	2.3	(19.6–28.7)
Burlington-South Burlington, Vermont	1,986	20.3	1.2	(17.9–22.6)
Cambridge-Newton-Framingham, Massachusetts*	3,012	17.1	1.1	(14.9–19.2)
Camden, New Jersey*	1,696	19.8	1.2	(17.4–22.1)
Canton-Massillon, Ohio	742	23.2	2.2	(18.8–27.5)
Cape Coral-Fort Myers, Florida	517	28.0	3.9	(20.3–35.6)
Casper, Wyoming	766	20.6	1.8	(17.0–24.1)
Cedar Rapids, Iowa	556	16.8	2.1	(12.6–20.9)
Charleston, West Virginia	767	27.5	2.0	(23.5–31.4)
Charleston-North Charleston, South Carolina	1,144	19.2	1.9	(15.4–22.9)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,705	17.8	1.2	(15.4–20.1)
Chattanooga, Tennessee-Georgia	533	22.3	2.5	(17.4–27.2)
Cheyenne, Wyoming	911	24.3	1.8	(20.7–27.8)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	4,999	17.2	0.8	(15.6–18.7)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,789	20.3	1.5	(17.3–23.2)
Cleveland-Elyria-Mentor, Ohio	1,098	19.9	1.5	(16.9–22.8)
Coeur d'Alene, Idaho	567	26.3	2.6	(21.2–31.3)
Colorado Springs, Colorado	1,165	26.8	1.7	(23.4–30.1)
Columbia, South Carolina	1,129	24.0	2.1	(19.8–28.1)
Columbus, Ohio	1,387	22.3	1.5	(19.3–25.2)
Concord, New Hampshire	636	17.2	2.0	(13.2–21.1)
Dallas-Plano-Irving, Texas*	715	16.3	1.7	(12.9–19.6)
Dayton, Ohio	846	23.6	2.4	(18.8–28.3)
Del Rio, Texas	558	17.4	2.5	(12.5–22.3)
Deltona-Daytona Beach-Ormond Beach, Florida	860	31.5	2.5	(26.6–36.4)
Denver-Aurora, Colorado	4,818	18.9	0.7	(17.5–20.2)
Des Moines-West Des Moines, Iowa	1,003	18.0	1.5	(15.0–20.9)
Detroit-Livonia-Dearborn, Michigan*	1,908	25.0	1.5	(22.0–27.9)
Dover, Delaware	1,253	21.0	1.4	(18.2–23.7)
Durham, North Carolina	1,035	15.9	1.5	(12.9–18.8)
Edison, New Jersey*	2,267	17.8	1.1	(15.6–19.9)
El Paso, Texas	865	16.1	1.6	(12.9–19.2)
Eugene-Springfield, Oregon	508	32.0	2.9	(26.3–37.6)
Evansville, Indiana-Kentucky	532	25.2	2.9	(19.5–30.8)
Fargo, North Dakota-Minnesota	828	13.5	1.9	(9.7–17.2)
Farmington, New Mexico	685	22.9	2.5	(18.0–27.8)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	698	20.7	2.2	(16.3–25.0)
Fort Collins-Loveland, Colorado	558	18.2	2.6	(13.1–23.2)
Fort Wayne, Indiana	719	20.2	1.8	(16.6–23.7)
Fort Worth-Arlington, Texas*	733	20.7	2.0	(16.7–24.6)

See footnotes on page 211.



**TABLE 59. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported limited activities due to physical, mental or emotional problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	947	22.0	2.5	(17.1–26.9)
Grand Island, Nebraska	859	17.9	1.5	(14.9–20.8)
Grand Rapids-Wyoming, Michigan	622	20.6	2.1	(16.4–24.7)
Greensboro-High Point, North Carolina	1,156	21.0	1.6	(17.8–24.1)
Greenville, South Carolina	773	22.8	2.6	(17.7–27.8)
Hagerstown-Martinsburg, Maryland-West Virginia	643	23.1	2.1	(18.9–27.2)
Hartford-West Hartford-East Hartford, Connecticut	2,011	16.5	1.0	(14.5–18.4)
Hastings, Nebraska	588	17.2	1.7	(13.8–20.5)
Helena, Montana	642	24.8	2.3	(20.2–29.3)
Hickory-Morganton-Lenoir, North Carolina	600	24.7	2.2	(20.3–29.0)
Hilo, Hawaii	1,477	21.3	1.4	(18.5–24.0)
Hilton Head Island-Beaufort, South Carolina	796	20.2	1.9	(16.4–23.9)
Homosassa Springs, Florida	528	31.9	2.7	(26.6–37.1)
Honolulu, Hawaii	2,953	15.1	0.9	(13.3–16.8)
Houston-Sugar Land-Baytown, Texas	2,731	17.9	1.2	(15.5–20.2)
Huntington-Ashland, West Virginia-Kentucky-Ohio	659	38.3	2.7	(33.0–43.5)
Idaho Falls, Idaho	663	16.9	1.6	(13.7–20.0)
Indianapolis-Carmel, Indiana	2,244	20.6	1.2	(18.2–22.9)
Jackson, Mississippi	759	21.9	1.8	(18.3–25.4)
Jacksonville, Florida	2,577	24.8	1.6	(21.6–27.9)
Kahului-Wailuku, Hawaii	1,455	15.2	1.2	(12.8–17.5)
Kalispell, Montana	696	23.1	2.0	(19.1–27.0)
Kansas City, Missouri-Kansas	3,372	20.6	1.1	(18.4–22.7)
Kapaa, Hawaii	643	18.8	2.0	(14.8–22.7)
Kennewick-Richland-Pasco, Washington	643	20.6	2.1	(16.4–24.7)
Key West-Marathon, Florida	506	27.5	2.7	(22.2–32.7)
Kingsport-Bristol-Tennessee-Virginia	652	27.3	2.9	(21.6–32.9)
Knoxville, Tennessee	529	23.0	2.5	(18.1–27.9)
Lake City, Florida	562	29.2	2.7	(23.9–34.4)
Lakeland-Winter Haven, Florida	520	29.0	2.7	(23.7–34.2)
Laredo, Texas	916	14.3	1.3	(11.7–16.8)
Las Cruces, New Mexico	504	20.6	2.6	(15.5–25.6)
Las Vegas-Paradise, Nevada	1,268	19.8	1.3	(17.2–22.3)
Lebanon, New Hampshire-Vermont	1,550	19.2	1.2	(16.8–21.5)
Lewiston, Idaho-Washington	603	29.2	2.4	(24.4–33.9)
Lewiston-Auburn, Maine	500	20.3	2.1	(16.1–24.4)
Lincoln, Nebraska	1,130	17.7	1.6	(14.5–20.8)
Little Rock-North Little Rock, Arkansas	815	19.5	1.9	(15.7–23.2)
Los Angeles-Long Beach-Glendale, California*	2,613	16.0	0.9	(14.2–17.7)
Louisville, Kentucky-Indiana	903	21.0	1.6	(17.8–24.1)
Lubbock, Texas	773	19.7	1.8	(16.1–23.2)
Manchester-Nashua, New Hampshire	1,416	20.1	1.3	(17.5–22.6)
McAllen-Edinburg-Mission, Texas	594	18.8	1.9	(15.0–22.5)
Memphis, Tennessee-Mississippi-Arkansas	1,152	20.3	1.9	(16.5–24.0)
Miami-Fort Lauderdale-Miami Beach, Florida	1,023	19.5	1.7	(16.1–22.8)
Midland, Texas	521	21.7	2.4	(16.9–26.4)
Milwaukee-Waukesha-West Allis, Wisconsin	1,528	19.0	1.6	(15.8–22.1)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,846	15.5	0.9	(13.7–17.2)
Minot, North Dakota	556	16.2	1.7	(12.8–19.5)
Mobile, Alabama	679	27.8	2.4	(23.0–32.5)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	551	23.7	2.7	(18.4–28.9)
Naples-Marco Island, Florida	519	18.3	2.4	(13.5–23.0)
Nashville-Davidson-Murfreesboro, Tennessee	829	16.7	1.6	(13.5–19.8)
Nassau-Suffolk, New York*	1,065	20.8	1.6	(17.6–23.9)
Newark-Union, New Jersey-Pennsylvania*	3,307	16.2	0.9	(14.4–17.9)
New Haven-Milford, Connecticut	1,668	17.9	1.3	(15.3–20.4)
New Orleans-Metairie-Kenner, Louisiana	1,530	22.6	1.4	(19.8–25.3)
New York-White Plains-Wayne, New York-New Jersey*	6,164	16.0	0.6	(14.8–17.1)
Norfolk, Nebraska	675	17.4	1.8	(13.8–20.9)
North Platte, Nebraska	574	20.9	2.2	(16.5–25.2)
North Port-Bradenton-Sarasota, Florida	1,130	21.1	1.5	(18.1–24.0)
Ocala, Florida	583	30.4	2.6	(25.3–35.4)
Ocean City, New Jersey	518	18.3	1.9	(14.5–22.0)

See footnotes on page 211.

**TABLE 59. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported limited activities due to physical, mental or emotional problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,689	19.2	1.4	(16.4–21.9)
Oklahoma City, Oklahoma	2,469	26.2	1.1	(24.0–28.3)
Olympia, Washington	775	31.3	2.2	(26.9–35.6)
Omaha-Council Bluffs, Nebraska-Iowa	2,349	18.5	1.1	(16.3–20.6)
Orlando-Kissimmee, Florida	2,654	21.6	1.1	(19.4–23.7)
Palm Bay-Melbourne-Titusville, Florida	524	28.5	2.6	(23.4–33.5)
Panama City-Lynn Haven, Florida	540	24.7	2.8	(19.2–30.1)
Peabody, Massachusetts	2,128	19.4	1.6	(16.2–22.5)
Pensacola-Ferry Pass-Brent, Florida	1,012	26.1	1.9	(22.3–29.8)
Philadelphia, Pennsylvania*	2,347	21.6	1.2	(19.2–23.9)
Phoenix-Mesa-Scottsdale, Arizona	1,682	18.3	1.2	(15.9–20.6)
Pittsburgh, Pennsylvania	2,410	21.5	1.1	(19.3–23.6)
Portland-South Portland-Biddeford, Maine	2,621	20.4	1.0	(18.4–22.3)
Portland-Vancouver-Beaverton, Oregon-Washington	3,383	23.2	1.1	(21.0–25.3)
Port St. Lucie-Fort Pierce, Florida	1,019	29.9	2.1	(25.7–34.0)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,486	19.4	0.7	(18.0–20.7)
Provo-Orem, Utah	1,172	19.5	1.7	(16.1–22.8)
Raleigh-Cary, North Carolina	1,025	16.6	1.4	(13.8–19.3)
Rapid City, South Dakota	845	23.4	1.7	(20.0–26.7)
Reno-Sparks, Nevada	1,322	22.2	1.5	(19.2–25.1)
Richmond, Virginia	801	20.4	2.2	(16.0–24.7)
Riverside-San Bernardino-Ontario, California	1,875	17.7	1.1	(15.5–19.8)
Rochester, New York	561	22.5	2.2	(18.1–26.8)
Rockingham County-Strafford County, New Hampshire*	1,602	19.0	1.2	(16.6–21.3)
Rutland, Vermont	657	24.8	2.1	(20.6–28.9)
Sacramento-Arden-Arcade-Roseville, California	1,292	18.7	1.3	(16.1–21.2)
St. Louis, Missouri-Illinois	1,742	22.1	1.6	(18.9–25.2)
Salt Lake City, Utah	4,296	19.4	0.8	(17.8–20.9)
San Antonio, Texas	1,124	17.7	1.4	(14.9–20.4)
San Diego-Carlsbad-San Marcos, California	1,694	17.5	1.1	(15.3–19.6)
San Francisco-Oakland-Fremont, California	2,356	19.0	1.0	(17.0–20.9)
San Jose-Sunnyvale-Santa Clara, California	911	16.8	1.5	(13.8–19.7)
Santa Ana-Anaheim-Irvine, California*	1,446	14.4	1.2	(12.0–16.7)
Santa Fe, New Mexico	610	22.2	2.3	(17.6–26.7)
Scottsbluff, Nebraska	756	18.3	1.8	(14.7–21.8)
Scranton-Wilkes-Barre, Pennsylvania	553	26.3	2.4	(21.5–31.0)
Seaford, Delaware	1,236	20.6	1.4	(17.8–23.3)
Seattle-Bellevue-Everett, Washington*	4,668	22.3	0.8	(20.7–23.8)
Sebring, Florida	520	28.9	2.9	(23.2–34.5)
Shreveport-Bossier City, Louisiana	682	22.8	2.3	(18.2–27.3)
Sioux City, Iowa-Nebraska-South Dakota	1,220	18.9	2.2	(14.5–23.2)
Sioux Falls, South Dakota	837	17.4	1.5	(14.4–20.3)
Spokane, Washington	1,213	30.6	1.9	(26.8–34.3)
Springfield, Massachusetts	2,039	20.9	1.9	(17.1–24.6)
Tacoma, Washington*	1,714	27.2	1.4	(24.4–29.9)
Tallahassee, Florida	2,034	21.7	2.1	(17.5–25.8)
Tampa-St. Petersburg-Clearwater, Florida	2,027	26.1	1.5	(23.1–29.0)
Toledo, Ohio	862	22.5	1.9	(18.7–26.2)
Topeka, Kansas	834	23.3	1.8	(19.7–26.8)
Trenton-Ewing, New Jersey	502	15.9	2.1	(11.7–20.0)
Tucson, Arizona	696	27.5	2.6	(22.4–32.5)
Tulsa, Oklahoma	2,137	25.1	1.2	(22.7–27.4)
Tuscaloosa, Alabama	515	25.7	3.0	(19.8–31.5)
Twin Falls, Idaho	538	20.8	2.1	(16.6–24.9)
Tyler, Texas	672	19.9	2.1	(15.7–24.0)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,100	20.5	2.0	(16.5–24.4)
Warren-Troy-Farmington Hills, Michigan*	1,797	21.1	1.7	(17.7–24.4)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	6,421	16.1	1.1	(13.9–18.2)
Wauchula, Florida	526	20.3	2.9	(14.6–25.9)
West Palm Beach-Boca Raton-Boynton Beach, Florida*	551	19.5	2.2	(15.1–23.8)
Wichita, Kansas	1,848	21.3	1.2	(18.9–23.6)
Wichita Falls, Texas	827	25.0	2.2	(20.6–29.3)
Wilmington, Delaware-Maryland-New Jersey*	2,212	21.8	1.1	(19.6–23.9)

See footnotes on page 211.

**TABLE 59. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported limited activities due to physical, mental or emotional problems, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	2,092	19.7	1.5	(16.7–22.6)
Yakima, Washington	734	23.3	1.9	(19.5–27.0)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,059	20.1	2.1	(15.9–24.2)
Median		20.6		
Range		13.5–38.3		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Metropolitan division.

**TABLE 60. Estimated prevalence of adults aged  $\geq 18$  years who reported limited activities due to physical, mental or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	600	20.5	1.8	(16.9–24.0)
Mobile County, Alabama	679	27.8	2.4	(23.0–32.5)
Tuscaloosa County, Alabama	434	25.7	3.2	(19.4–31.9)
Maricopa County, Arizona	1,296	18.1	1.3	(15.5–20.6)
Pima County, Arizona	696	27.5	2.6	(22.4–32.5)
Pinal County, Arizona	386	22.0	3.2	(15.7–28.2)
Benton County, Arkansas	360	19.6	2.9	(13.9–25.2)
Pulaski County, Arkansas	553	16.4	1.9	(12.6–20.1)
Washington County, Arkansas	297	21.5	3.2	(15.2–27.7)
Alameda County, California	755	18.6	1.6	(15.4–21.7)
Contra Costa County, California	631	18.1	1.9	(14.3–21.8)
Los Angeles County, California	2,613	16.0	0.9	(14.2–17.7)
Orange County, California	1,446	14.4	1.2	(12.0–16.7)
Placer County, California	255	20.0	2.8	(14.5–25.4)
Riverside County, California	930	16.8	1.4	(14.0–19.5)
Sacramento County, California	750	19.6	1.7	(16.2–22.9)
San Bernardino County, California	945	18.7	1.6	(15.5–21.8)
San Diego County, California	1,694	17.5	1.1	(15.3–19.6)
San Francisco County, California	386	20.3	2.5	(15.4–25.2)
San Mateo County, California	385	20.7	2.6	(15.6–25.7)
Santa Clara County, California	873	16.5	1.6	(13.3–19.6)
Adams County, Colorado	807	19.2	1.8	(15.6–22.7)
Arapahoe County, Colorado	870	20.5	1.7	(17.1–23.8)
Denver County, Colorado	872	20.0	1.6	(16.8–23.1)
Douglas County, Colorado	576	13.1	1.8	(9.5–16.6)
El Paso County, Colorado	1,034	27.3	1.8	(23.7–30.8)
Jefferson County, Colorado	1,164	19.9	1.5	(16.9–22.8)
Larimer County, Colorado	558	18.2	2.6	(13.1–23.2)
Fairfield County, Connecticut	2,176	14.3	1.1	(12.1–16.4)
Hartford County, Connecticut	1,492	16.6	1.2	(14.2–18.9)
Middlesex County, Connecticut	264	18.9	2.7	(13.6–24.1)
New Haven County, Connecticut	1,668	17.9	1.3	(15.3–20.4)
Tolland County, Connecticut	255	17.4	2.9	(11.7–23.0)
Kent County, Delaware	1,253	21.0	1.4	(18.2–23.7)
New Castle County, Delaware	1,748	21.7	1.3	(19.1–24.2)
Sussex County, Delaware	1,236	20.6	1.4	(17.8–23.3)
District of Columbia, District of Columbia	3,954	14.9	0.7	(13.5–16.2)
Alachua County, Florida	533	22.4	2.8	(16.9–27.8)
Baker County, Florida	507	25.5	3.7	(18.2–32.7)
Bay County, Florida	540	24.7	2.8	(19.2–30.1)
Brevard County, Florida	524	28.5	2.6	(23.4–33.5)
Broward County, Florida	524	21.0	2.3	(16.4–25.5)
Citrus County, Florida	528	31.9	2.7	(26.6–37.1)
Clay County, Florida	482	27.3	2.4	(22.5–32.0)
Collier County, Florida	519	18.3	2.4	(13.5–23.0)
Columbia County, Florida	562	29.2	2.7	(23.9–34.4)
DeSoto County, Florida	498	22.5	2.8	(17.0–27.9)
Duval County, Florida	548	24.8	2.3	(20.2–29.3)
Escambia County, Florida	518	27.7	2.8	(22.2–33.1)
Gadsden County, Florida	505	18.9	2.1	(14.7–23.0)
Gilchrist County, Florida	414	NA*	NA	NA
Hardee County, Florida	526	20.3	2.9	(14.6–25.9)
Hernando County, Florida	486	30.5	2.8	(25.0–35.9)
Highlands County, Florida	520	28.9	2.9	(23.2–34.5)
Hillsborough County, Florida	503	23.5	2.7	(18.2–28.7)
Jefferson County, Florida	499	22.7	3.0	(16.8–28.5)
Lake County, Florida	604	24.0	2.1	(19.8–28.1)
Lee County, Florida	517	28.0	3.9	(20.3–35.6)
Leon County, Florida	496	19.2	2.3	(14.6–23.7)
Manatee County, Florida	524	22.3	2.2	(17.9–26.6)
Marion County, Florida	583	30.4	2.6	(25.3–35.4)
Martin County, Florida	516	27.2	2.6	(22.1–32.2)
Miami-Dade County, Florida	499	18.9	2.3	(14.3–23.4)

See footnotes on page 216.

**TABLE 60. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported limited activities due to physical, mental or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	506	27.5	2.7	(22.2–32.7)
Nassau County, Florida	519	22.7	3.0	(16.8–28.5)
Orange County, Florida	999	22.2	1.8	(18.6–25.7)
Osceola County, Florida	563	18.5	2.1	(14.3–22.6)
Palm Beach County, Florida	551	19.5	2.2	(15.1–23.8)
Pasco County, Florida	541	30.8	2.8	(25.3–36.2)
Pinellas County, Florida	497	25.7	2.5	(20.8–30.6)
Polk County, Florida	520	29.0	2.7	(23.7–34.2)
St. Johns County, Florida	521	22.8	2.4	(18.0–27.5)
St. Lucie County, Florida	503	31.0	2.6	(25.9–36.0)
Santa Rosa County, Florida	494	23.8	2.5	(18.9–28.7)
Sarasota County, Florida	606	21.1	2.2	(16.7–25.4)
Seminole County, Florida	488	21.5	2.4	(16.7–26.2)
Volusia County, Florida	860	31.5	2.5	(26.6–36.4)
Wakulla County, Florida	534	28.7	3.2	(22.4–34.9)
Cobb County, Georgia	254	16.4	2.6	(11.3–21.4)
DeKalb County, Georgia	342	17.6	2.4	(12.8–22.3)
Fulton County, Georgia	329	12.0	1.9	(8.2–15.7)
Gwinnett County, Georgia	251	14.0	2.7	(8.7–19.2)
Hawaii County, Hawaii	1,477	21.3	1.4	(18.5–24.0)
Honolulu County, Hawaii	2,953	15.1	0.9	(13.3–16.8)
Kauai County, Hawaii	643	18.8	2.0	(14.8–22.7)
Maui County, Hawaii	1,455	15.2	1.2	(12.8–17.5)
Ada County, Idaho	860	22.0	1.8	(18.4–25.5)
Bonneville County, Idaho	520	16.7	1.8	(13.1–20.2)
Canyon County, Idaho	613	25.2	2.2	(20.8–29.5)
Kootenai County, Idaho	567	26.3	2.6	(21.2–31.3)
Nez Perce County, Idaho	382	29.5	2.9	(23.8–35.1)
Twin Falls County, Idaho	432	21.8	2.3	(17.2–26.3)
Cook County, Illinois	2,878	17.9	0.9	(16.1–19.6)
DuPage County, Illinois	256	14.0	2.3	(9.4–18.5)
Allen County, Indiana	585	21.2	2.0	(17.2–25.1)
Lake County, Indiana	994	23.8	2.4	(19.0–28.5)
Marion County, Indiana	1,457	22.7	1.6	(19.5–25.8)
Linn County, Iowa	492	18.6	2.3	(14.0–23.1)
Polk County, Iowa	764	17.7	1.7	(14.3–21.0)
Johnson County, Kansas	1,411	14.8	1.1	(12.6–16.9)
Sedgwick County, Kansas	1,433	22.3	1.3	(19.7–24.8)
Shawnee County, Kansas	622	21.8	2.0	(17.8–25.7)
Wyandotte County, Kansas	608	21.0	2.0	(17.0–24.9)
Jefferson County, Kentucky	410	20.7	2.2	(16.3–25.0)
Caddo Parish, Louisiana	446	21.1	2.5	(16.2–26.0)
East Baton Rouge Parish, Louisiana	718	17.7	1.8	(14.1–21.2)
Jefferson Parish, Louisiana	592	23.6	2.1	(19.4–27.7)
Orleans Parish, Louisiana	375	23.4	2.7	(18.1–28.6)
St. Tammany Parish, Louisiana	371	22.6	2.8	(17.1–28.0)
Androscoggin County, Maine	500	20.3	2.1	(16.1–24.4)
Cumberland County, Maine	1,383	20.2	1.4	(17.4–22.9)
Kennebec County, Maine	651	23.1	2.2	(18.7–27.4)
Penobscot County, Maine	688	25.9	2.0	(21.9–29.8)
Sagadahoc County, Maine	299	23.2	3.0	(17.3–29.0)
York County, Maine	939	20.0	1.5	(17.0–22.9)
Anne Arundel County, Maryland	601	14.3	1.6	(11.1–17.4)
Baltimore County, Maryland	1,049	21.3	1.5	(18.3–24.2)
Cecil County, Maryland	270	23.1	3.2	(16.8–29.3)
Charles County, Maryland	348	16.4	2.2	(12.0–20.7)
Frederick County, Maryland	575	16.2	1.8	(12.6–19.7)
Harford County, Maryland	279	19.5	2.9	(13.8–25.1)
Howard County, Maryland	340	19.0	2.6	(13.9–24.0)
Montgomery County, Maryland	1,059	13.9	1.2	(11.5–16.2)
Prince George's County, Maryland	796	17.1	1.6	(13.9–20.2)
Queen Anne's County, Maryland	293	15.2	2.3	(10.6–19.7)
Washington County, Maryland	407	22.9	2.7	(17.6–28.1)

See footnotes on page 216.

**TABLE 60. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported limited activities due to physical, mental or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	532	26.4	2.6	(21.3–31.4)
Bristol County, Massachusetts	2,912	20.0	1.6	(16.8–23.1)
Essex County, Massachusetts	2,128	19.6	1.7	(16.2–22.9)
Hampden County, Massachusetts	1,585	21.0	1.7	(17.6–24.3)
Hampshire County, Massachusetts	273	15.9	3.2	(9.6–22.1)
Middlesex County, Massachusetts	3,012	17.2	1.2	(14.8–19.5)
Norfolk County, Massachusetts	860	14.4	1.5	(11.4–17.3)
Plymouth County, Massachusetts	685	19.2	2.3	(14.6–23.7)
Suffolk County, Massachusetts	1,757	14.8	1.2	(12.4–17.1)
Worcester County, Massachusetts	2,092	19.7	1.5	(16.7–22.6)
Kent County, Michigan	445	19.7	2.3	(15.1–24.2)
Macomb County, Michigan	516	21.7	2.5	(16.8–26.6)
Oakland County, Michigan	934	17.9	1.5	(14.9–20.8)
Wayne County, Michigan	1,908	25.0	1.5	(22.0–27.9)
Anoka County, Minnesota	397	20.0	2.7	(14.7–25.2)
Dakota County, Minnesota	570	13.8	1.9	(10.0–17.5)
Hennepin County, Minnesota	2,041	14.4	1.3	(11.8–16.9)
Ramsey County, Minnesota	914	20.3	2.9	(14.6–25.9)
Washington County, Minnesota	257	12.7	2.7	(7.4–17.9)
DeSoto County, Mississippi	369	24.0	3.0	(18.1–29.8)
Hinds County, Mississippi	339	24.2	3.3	(17.7–30.6)
Jackson County, Missouri	524	23.0	2.2	(18.6–27.3)
St. Louis County, Missouri	601	21.2	2.8	(15.7–26.6)
St. Louis city, Missouri	643	20.4	2.1	(16.2–24.5)
Flathead County, Montana	696	23.1	2.0	(19.1–27.0)
Lewis and Clark County, Montana	533	25.5	2.3	(20.9–30.0)
Yellowstone County, Montana	483	25.3	2.8	(19.8–30.7)
Adams County, Nebraska	479	17.1	1.9	(13.3–20.8)
Dakota County, Nebraska	741	17.5	1.7	(14.1–20.8)
Douglas County, Nebraska	944	18.7	1.6	(15.5–21.8)
Hall County, Nebraska	585	17.2	1.8	(13.6–20.7)
Lancaster County, Nebraska	846	17.5	1.7	(14.1–20.8)
Lincoln County, Nebraska	542	21.5	2.3	(16.9–26.0)
Madison County, Nebraska	468	17.4	2.2	(13.0–21.7)
Sarpy County, Nebraska	579	19.7	2.5	(14.8–24.6)
Scotts Bluff County, Nebraska	733	18.1	1.8	(14.5–21.6)
Seward County, Nebraska	284	20.8	2.9	(15.1–26.4)
Clark County, Nevada	1,268	19.8	1.3	(17.2–22.3)
Washoe County, Nevada	1,302	22.0	1.5	(19.0–24.9)
Grafton County, New Hampshire	514	17.9	2.1	(13.7–22.0)
Hillsborough County, New Hampshire	1,416	20.1	1.3	(17.5–22.6)
Merrimack County, New Hampshire	636	17.2	2.0	(13.2–21.1)
Rockingham County, New Hampshire	1,015	18.6	1.4	(15.8–21.3)
Strafford County, New Hampshire	587	20.5	2.0	(16.5–24.4)
Atlantic County, New Jersey	916	18.1	1.7	(14.7–21.4)
Bergen County, New Jersey	625	13.7	1.6	(10.5–16.8)
Burlington County, New Jersey	567	19.2	1.9	(15.4–22.9)
Camden County, New Jersey	603	21.1	2.1	(16.9–25.2)
Cape May County, New Jersey	518	18.3	1.9	(14.5–22.0)
Essex County, New Jersey	1,021	16.1	1.4	(13.3–18.8)
Gloucester County, New Jersey	526	18.9	2.2	(14.5–23.2)
Hudson County, New Jersey	1,096	16.5	1.4	(13.7–19.2)
Hunterdon County, New Jersey	512	13.6	1.7	(10.2–16.9)
Mercer County, New Jersey	502	15.9	2.1	(11.7–20.0)
Middlesex County, New Jersey	631	17.4	1.9	(13.6–21.1)
Monmouth County, New Jersey	564	15.2	1.9	(11.4–18.9)
Morris County, New Jersey	698	14.1	1.6	(10.9–17.2)
Ocean County, New Jersey	536	23.7	2.4	(18.9–28.4)
Passaic County, New Jersey	500	15.5	1.9	(11.7–19.2)
Somerset County, New Jersey	536	14.5	1.8	(10.9–18.0)
Sussex County, New Jersey	497	16.0	1.9	(12.2–19.7)
Union County, New Jersey	520	18.5	2.1	(14.3–22.6)
Warren County, New Jersey	477	16.8	2.0	(12.8–20.7)

See footnotes on page 216.



**TABLE 60. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who reported limited activities due to physical, mental or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,258	22.6	1.6	(19.4–25.7)
Dona Ana County, New Mexico	504	20.6	2.6	(15.5–25.6)
Sandoval County, New Mexico	520	21.7	2.6	(16.6–26.7)
San Juan County, New Mexico	685	22.9	2.5	(18.0–27.8)
Santa Fe County, New Mexico	610	22.2	2.3	(17.6–26.7)
Valencia County, New Mexico	348	25.0	3.0	(19.1–30.8)
Bronx County, New York	435	18.6	2.3	(14.0–23.1)
Erie County, New York	478	25.1	2.6	(20.0–30.1)
Kings County, New York	898	15.6	1.4	(12.8–18.3)
Monroe County, New York	379	22.7	2.5	(17.8–27.6)
Nassau County, New York	475	17.0	2.0	(13.0–20.9)
New York County, New York	1,035	16.0	1.5	(13.0–18.9)
Queens County, New York	791	15.2	1.5	(12.2–18.1)
Suffolk County, New York	590	24.4	2.5	(19.5–29.3)
Westchester County, New York	384	18.3	2.3	(13.7–22.8)
Buncombe County, North Carolina	260	28.6	3.7	(21.3–35.8)
Cabarrus County, North Carolina	308	18.5	2.9	(12.8–24.1)
Catawba County, North Carolina	293	23.8	3.4	(17.1–30.4)
Durham County, North Carolina	621	14.1	1.6	(10.9–17.2)
Gaston County, North Carolina	266	26.5	3.8	(19.0–33.9)
Guilford County, North Carolina	693	18.0	1.6	(14.8–21.1)
Johnston County, North Carolina	276	21.5	2.9	(15.8–27.1)
Mecklenburg County, North Carolina	607	12.5	1.4	(9.7–15.2)
Orange County, North Carolina	299	16.7	2.4	(11.9–21.4)
Randolph County, North Carolina	394	24.2	2.8	(18.7–29.6)
Union County, North Carolina	348	19.6	2.5	(14.7–24.5)
Wake County, North Carolina	710	15.4	1.7	(12.0–18.7)
Burleigh County, North Dakota	557	18.9	2.2	(14.5–23.2)
Cass County, North Dakota	776	11.7	1.3	(9.1–14.2)
Ward County, North Dakota	465	15.5	1.8	(11.9–19.0)
Cuyahoga County, Ohio	719	18.8	1.8	(15.2–22.3)
Franklin County, Ohio	680	23.8	2.2	(19.4–28.1)
Hamilton County, Ohio	723	18.5	2.1	(14.3–22.6)
Lucas County, Ohio	728	26.1	2.1	(21.9–30.2)
Mahoning County, Ohio	727	24.0	2.3	(19.4–28.5)
Montgomery County, Ohio	697	22.6	2.2	(18.2–26.9)
Stark County, Ohio	712	22.9	2.2	(18.5–27.2)
Summit County, Ohio	703	23.5	2.1	(19.3–27.6)
Cleveland County, Oklahoma	434	20.7	2.3	(16.1–25.2)
Oklahoma County, Oklahoma	1,434	26.7	1.5	(23.7–29.6)
Tulsa County, Oklahoma	1,519	24.4	1.4	(21.6–27.1)
Clackamas County, Oregon	450	22.4	2.5	(17.5–27.3)
Lane County, Oregon	508	32.0	2.9	(26.3–37.6)
Multnomah County, Oregon	811	23.0	1.8	(19.4–26.5)
Washington County, Oregon	581	24.4	2.4	(19.6–29.1)
Allegheny County, Pennsylvania	1,376	21.2	1.4	(18.4–23.9)
Lehigh County, Pennsylvania	279	18.2	2.4	(13.4–22.9)
Luzerne County, Pennsylvania	312	25.1	3.1	(19.0–31.1)
Montgomery County, Pennsylvania	342	22.2	2.9	(16.5–27.8)
Northampton County, Pennsylvania	259	16.8	2.5	(11.9–21.7)
Philadelphia County, Pennsylvania	1,394	27.0	1.6	(23.8–30.1)
Westmoreland County, Pennsylvania	335	23.1	2.7	(17.8–28.3)
Bristol County, Rhode Island	277	14.8	2.5	(9.9–19.7)
Kent County, Rhode Island	936	19.6	1.5	(16.6–22.5)
Newport County, Rhode Island	488	19.7	2.6	(14.6–24.7)
Providence County, Rhode Island	4,130	19.7	0.9	(17.9–21.4)
Washington County, Rhode Island	743	18.0	1.8	(14.4–21.5)
Aiken County, South Carolina	473	23.1	2.2	(18.7–27.4)
Beaufort County, South Carolina	675	20.6	2.0	(16.6–24.5)
Berkeley County, South Carolina	355	23.0	4.3	(14.5–31.4)
Charleston County, South Carolina	665	17.5	2.3	(12.9–22.0)
Greenville County, South Carolina	490	21.9	2.8	(16.4–27.3)
Horry County, South Carolina	551	23.7	2.7	(18.4–28.9)

See footnotes on page 216.

**TABLE 60. (Continued) Estimated prevalence of adults aged ≥18 years who reported limited activities due to physical, mental or emotional problems, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	658	25.8	2.9	(20.1–31.4)
Minnehaha County, South Dakota	603	17.7	1.7	(14.3–21.0)
Pennington County, South Dakota	664	24.3	2.0	(20.3–28.2)
Davidson County, Tennessee	418	16.4	2.0	(12.4–20.3)
Hamilton County, Tennessee	384	22.0	2.8	(16.5–27.4)
Knox County, Tennessee	369	22.8	3.1	(16.7–28.8)
Shelby County, Tennessee	392	18.7	2.7	(13.4–23.9)
Sullivan County, Tennessee	459	28.9	2.9	(23.2–34.5)
Bexar County, Texas	965	18.0	1.5	(15.0–20.9)
Dallas County, Texas	388	19.4	2.4	(14.6–24.1)
El Paso County, Texas	865	16.1	1.6	(12.9–19.2)
Fort Bend County, Texas	926	12.6	1.2	(10.2–14.9)
Harris County, Texas	1,451	18.1	1.4	(15.3–20.8)
Hidalgo County, Texas	594	18.8	1.9	(15.0–22.5)
Lubbock County, Texas	750	20.1	1.8	(16.5–23.6)
Midland County, Texas	521	21.7	2.4	(16.9–26.4)
Potter County, Texas	336	22.2	2.8	(16.7–27.6)
Randall County, Texas	459	19.1	2.4	(14.3–23.8)
Smith County, Texas	672	19.9	2.1	(15.7–24.0)
Tarrant County, Texas	600	20.8	2.4	(16.0–25.5)
Travis County, Texas	761	15.1	2.9	(9.4–20.7)
Val Verde County, Texas	558	17.4	2.5	(12.5–22.3)
Webb County, Texas	916	14.3	1.3	(11.7–16.8)
Wichita County, Texas	677	25.2	2.5	(20.3–30.1)
Davis County, Utah	873	19.1	1.9	(15.3–22.8)
Salt Lake County, Utah	3,279	19.7	0.9	(17.9–21.4)
Summit County, Utah	453	14.2	1.9	(10.4–17.9)
Tooele County, Utah	564	17.4	2.0	(13.4–21.3)
Utah County, Utah	1,109	19.3	1.7	(15.9–22.6)
Weber County, Utah	772	19.7	1.8	(16.1–23.2)
Chittenden County, Vermont	1,425	19.5	1.4	(16.7–22.2)
Franklin County, Vermont	480	24.3	2.2	(19.9–28.6)
Orange County, Vermont	354	21.2	2.4	(16.4–25.9)
Rutland County, Vermont	657	24.8	2.1	(20.6–28.9)
Washington County, Vermont	660	20.5	2.0	(16.5–24.4)
Windsor County, Vermont	682	20.3	1.7	(16.9–23.6)
Benton County, Washington	390	23.0	2.5	(18.1–27.9)
Clark County, Washington	1,091	22.9	1.7	(19.5–26.2)
Franklin County, Washington	253	19.4	4.0	(11.5–27.2)
King County, Washington	3,028	21.4	0.9	(19.6–23.1)
Kitsap County, Washington	917	28.8	1.9	(25.0–32.5)
Pierce County, Washington	1,714	27.4	1.4	(24.6–30.1)
Snohomish County, Washington	1,640	25.2	1.3	(22.6–27.7)
Spokane County, Washington	1,213	30.6	1.9	(26.8–34.3)
Thurston County, Washington	775	31.3	2.2	(26.9–35.6)
Yakima County, Washington	734	23.3	1.9	(19.5–27.0)
Kanawha County, West Virginia	487	24.3	2.4	(19.5–29.0)
Milwaukee County, Wisconsin	1,215	21.7	2.2	(17.3–26.0)
Laramie County, Wyoming	911	24.3	1.8	(20.7–27.8)
Natrona County, Wyoming	766	20.6	1.8	(17.0–24.1)
Median		20.3		
Range		11.7–32.0		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was &lt;50 or if the confidence interval half width is &gt;10.

**TABLE 61. Estimated prevalence of adults aged  $\geq 18$  years who required to use special equipment\* due to any health problem, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	7,661	10.5	0.5	(9.6–11.5)
Alaska	1,961	5.3	0.7	(4.0–6.6)
Arizona	5,752	7.9	0.5	(6.8–8.9)
Arkansas	4,023	8.6	0.5	(7.6–9.6)
California	17,775	6.9	0.2	(6.5–7.4)
Colorado	11,656	6.0	0.2	(5.5–6.4)
Connecticut	6,775	6.4	0.3	(5.8–7.1)
Delaware	4,246	8.3	0.5	(7.3–9.2)
District of Columbia	3,970	8.8	0.5	(7.8–9.9)
Florida	35,064	9.3	0.3	(8.7–9.8)
Georgia	5,782	8.0	0.5	(7.1–8.9)
Hawaii	6,549	6.0	0.4	(5.3–6.8)
Idaho	7,005	7.5	0.4	(6.7–8.3)
Illinois	5,201	6.8	0.4	(6.0–7.7)
Indiana	10,208	7.8	0.3	(7.1–8.4)
Iowa	6,101	6.9	0.4	(6.1–7.6)
Kansas	8,565	8.4	0.4	(7.7–9.1)
Kentucky	8,056	10.3	0.5	(9.4–11.3)
Louisiana	7,031	8.8	0.4	(8.0–9.6)
Maine	8,126	7.1	0.3	(6.5–7.7)
Maryland	9,181	7.0	0.3	(6.3–7.6)
Massachusetts	16,284	7.1	0.3	(6.5–7.6)
Michigan	8,859	8.0	0.3	(7.3–8.6)
Minnesota	8,961	5.9	0.4	(5.1–6.6)
Mississippi	8,087	10.6	0.5	(9.7–11.6)
Missouri	5,426	9.4	0.6	(8.2–10.5)
Montana	7,300	7.4	0.4	(6.6–8.2)
Nebraska	16,379	6.6	0.4	(5.9–7.3)
Nevada	3,909	7.4	0.5	(6.4–8.5)
New Hampshire	6,044	6.7	0.4	(6.0–7.5)
New Jersey	12,430	6.6	0.3	(6.0–7.1)
New Mexico	6,993	8.9	0.4	(8.1–9.7)
New York	8,939	7.9	0.3	(7.3–8.5)
North Carolina	12,132	8.6	0.3	(8.0–9.3)
North Dakota	4,760	6.0	0.4	(5.2–6.8)
Ohio	9,851	8.5	0.4	(7.8–9.2)
Oklahoma	7,744	10.2	0.4	(9.4–10.9)
Oregon	5,056	7.9	0.5	(6.9–8.9)
Pennsylvania	11,218	8.5	0.3	(7.8–9.1)
Rhode Island	6,597	7.6	0.4	(6.8–8.3)
South Carolina	9,419	9.7	0.5	(8.8–10.7)
South Dakota	6,720	6.7	0.4	(6.0–7.4)
Tennessee	5,758	9.5	0.5	(8.5–10.6)
Texas	18,054	7.5	0.4	(6.8–8.2)
Utah	10,158	5.7	0.3	(5.0–6.3)
Vermont	6,790	6.3	0.3	(5.7–6.8)
Virginia	5,386	7.5	0.5	(6.5–8.4)
Washington	19,601	7.9	0.3	(7.4–8.4)
West Virginia	4,401	10.5	0.5	(9.5–11.6)
Wisconsin	4,779	6.1	0.4	(5.3–6.9)
Wyoming	5,837	6.5	0.3	(5.9–7.1)
Guam	782	2.8	0.6	(1.7–4.0)
Puerto Rico	3,542	7.3	0.5	(6.4–8.2)
Virgin Islands	1,819	4.3	0.5	(3.3–5.4)
Median		7.5		
Range		2.8–10.6		

Abbreviations: SE = standard error; CI = confidence interval.

\* Includes use of a cane, wheelchair, special bed, or special telephone occasionally or in certain circumstances.

**TABLE 62. Estimated prevalence of adults aged  $\geq 18$  years who required to use special equipment\* due to any health problem, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	809	10.0	1.4	(7.2–12.7)
Albuquerque, New Mexico	2,194	9.3	0.7	(7.9–10.6)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	1,089	6.2	0.7	(4.8–7.5)
Amarillo, Texas	828	6.7	0.9	(4.9–8.4)
Arcadia, Florida	502	8.3	1.5	(5.3–11.2)
Asheville, North Carolina	548	10.4	1.3	(7.8–12.9)
Atlanta-Sandy Springs-Marietta, Georgia	2,349	6.5	0.8	(4.9–8.0)
Atlantic City, New Jersey	921	7.6	1.2	(5.2–9.9)
Augusta-Richmond County, Georgia-South Carolina	874	8.3	1.2	(5.9–10.6)
Augusta-Waterville, Maine	651	6.4	1.0	(4.4–8.3)
Austin-Round Rock, Texas	976	4.7	0.8	(3.1–6.2)
Baltimore-Towson, Maryland	3,341	8.0	0.6	(6.8–9.1)
Bangor, Maine	692	9.0	1.1	(6.8–11.1)
Barre, Vermont	670	7.5	1.1	(5.3–9.6)
Baton Rouge, Louisiana	1,201	7.1	0.8	(5.5–8.6)
Bethesda-Gaithersburg-Frederick, Maryland†	1,640	5.0	0.6	(3.8–6.1)
Billings, Montana	537	6.2	1.0	(4.2–8.1)
Birmingham-Hoover, Alabama	1,198	9.1	0.9	(7.3–10.8)
Bismarck, North Dakota	771	5.3	0.7	(3.9–6.6)
Boise City-Nampa, Idaho	1,662	7.3	0.7	(5.9–8.6)
Boston-Quincy, Massachusetts†	3,302	6.8	0.5	(5.8–7.7)
Bremerton-Silverdale, Washington	921	7.9	1.1	(5.7–10.0)
Bridgeport-Stamford-Norwalk, Connecticut	2,184	5.1	0.6	(3.9–6.2)
Buffalo-Cheektowaga-Tonawanda, New York	609	8.8	1.2	(6.4–11.1)
Burlington-South Burlington, Vermont	1,996	5.1	0.5	(4.1–6.0)
Cambridge-Newton-Framingham, Massachusetts†	3,024	6.3	0.6	(5.1–7.4)
Camden, New Jersey†	1,698	8.1	0.8	(6.5–9.6)
Canton-Massillon, Ohio	747	7.7	1.1	(5.5–9.8)
Cape Coral-Fort Myers, Florida	517	10.0	1.4	(7.2–12.7)
Casper, Wyoming	768	8.6	1.0	(6.6–10.5)
Cedar Rapids, Iowa	559	7.7	1.4	(4.9–10.4)
Charleston, West Virginia	770	10.1	1.4	(7.3–12.8)
Charleston-North Charleston, South Carolina	1,152	8.8	1.3	(6.2–11.3)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,710	6.9	0.7	(5.5–8.2)
Chattanooga, Tennessee-Georgia	536	11.4	2.0	(7.4–15.3)
Cheyenne, Wyoming	914	9.3	1.0	(7.3–11.2)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	5,020	5.6	0.4	(4.8–6.3)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,797	6.9	0.7	(5.5–8.2)
Cleveland-Elyria-Mentor, Ohio	1,103	7.5	0.8	(5.9–9.0)
Coeur d'Alene, Idaho	569	6.1	1.0	(4.1–8.0)
Colorado Springs, Colorado	1,168	7.2	0.8	(5.6–8.7)
Columbia, South Carolina	1,140	10.1	1.4	(7.3–12.8)
Columbus, Ohio	1,388	7.4	0.7	(6.0–8.7)
Concord, New Hampshire	641	7.0	1.2	(4.6–9.3)
Dallas-Plano-Irving, Texas†	719	7.5	1.2	(5.1–9.8)
Dayton, Ohio	854	10.9	1.8	(7.3–14.4)
Del Rio, Texas	559	7.6	1.4	(4.8–10.3)
Deltona-Daytona Beach-Ormond Beach, Florida	861	10.8	1.2	(8.4–13.1)
Denver-Aurora, Colorado	4,836	5.4	0.3	(4.8–5.9)
Des Moines-West Des Moines, Iowa	1,006	6.9	0.9	(5.1–8.6)
Detroit-Livonia-Dearborn, Michigan†	1,914	10.0	0.8	(8.4–11.5)
Dover, Delaware	1,255	9.1	0.9	(7.3–10.8)
Durham, North Carolina	1,034	7.2	1.1	(5.0–9.3)
Edison, New Jersey†	2,268	6.5	0.6	(5.3–7.6)
El Paso, Texas	872	6.6	0.9	(4.8–8.3)
Eugene-Springfield, Oregon	512	11.9	2.2	(7.5–16.2)
Evansville, Indiana-Kentucky	536	8.6	1.3	(6.0–11.1)
Fargo, North Dakota-Minnesota	834	4.5	1.0	(2.5–6.4)
Farmington, New Mexico	686	5.3	0.9	(3.5–7.0)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	701	6.4	1.0	(4.4–8.3)
Fort Collins-Loveland, Colorado	562	4.6	1.0	(2.6–6.5)
Fort Wayne, Indiana	721	7.6	1.1	(5.4–9.7)
Fort Worth-Arlington, Texas†	736	7.4	1.3	(4.8–9.9)

See footnotes on page 221.

**TABLE 62. (Continued) Estimated prevalence of adults aged ≥18 years who required to use special equipment\* due to any health problem, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	954	6.3	1.1	(4.1–8.4)
Grand Island, Nebraska	861	8.4	1.1	(6.2–10.5)
Grand Rapids-Wyoming, Michigan	623	6.0	1.0	(4.0–7.9)
Greensboro-High Point, North Carolina	1,162	7.9	0.9	(6.1–9.6)
Greenville, South Carolina	781	10.1	1.5	(7.1–13.0)
Hagerstown-Martinsburg, Maryland-West Virginia	645	8.4	1.2	(6.0–10.7)
Hartford-West Hartford-East Hartford, Connecticut	2,021	6.5	0.6	(5.3–7.6)
Hastings, Nebraska	588	6.1	1.1	(3.9–8.2)
Helena, Montana	640	7.8	1.4	(5.0–10.5)
Hickory-Morganton-Lenoir, North Carolina	601	8.8	1.3	(6.2–11.3)
Hilo, Hawaii	1,479	7.0	0.8	(5.4–8.5)
Hilton Head Island-Beaufort, South Carolina	800	5.6	0.9	(3.8–7.3)
Homosassa Springs, Florida	534	15.5	1.9	(11.7–19.2)
Honolulu, Hawaii	2,960	5.7	0.5	(4.7–6.6)
Houston-Sugar Land-Baytown, Texas	2,740	6.1	0.6	(4.9–7.2)
Huntington-Ashland, West Virginia-Kentucky-Ohio	659	13.0	1.6	(9.8–16.1)
Idaho Falls, Idaho	667	6.3	1.0	(4.3–8.2)
Indianapolis-Carmel, Indiana	2,255	7.1	0.7	(5.7–8.4)
Jackson, Mississippi	761	10.3	1.3	(7.7–12.8)
Jacksonville, Florida	2,592	10.3	1.0	(8.3–12.2)
Kahului-Wailuku, Hawaii	1,465	5.8	0.8	(4.2–7.3)
Kalispell, Montana	701	5.6	0.8	(4.0–7.1)
Kansas City, Missouri-Kansas	3,382	7.5	0.6	(6.3–8.6)
Kapaa, Hawaii	645	5.3	0.9	(3.5–7.0)
Kennewick-Richland-Pasco, Washington	647	4.9	0.8	(3.3–6.4)
Key West-Marathon, Florida	504	6.6	1.3	(4.0–9.1)
Kingsport-Bristol, Tennessee-Virginia	655	11.7	1.8	(8.1–15.2)
Knoxville, Tennessee	529	10.5	1.7	(7.1–13.8)
Lake City, Florida	566	10.9	1.5	(7.9–13.8)
Lakeland-Winter Haven, Florida	519	9.4	1.4	(6.6–12.1)
Laredo, Texas	924	7.4	0.8	(5.8–8.9)
Las Cruces, New Mexico	504	8.5	1.3	(5.9–11.0)
Las Vegas-Paradise, Nevada	1,270	6.6	0.7	(5.2–7.9)
Lebanon, New Hampshire-Vermont	1,556	6.4	0.6	(5.2–7.5)
Lewiston, Idaho-Washington	601	8.7	1.2	(6.3–11.0)
Lewiston-Auburn, Maine	502	6.5	1.1	(4.3–8.6)
Lincoln, Nebraska	1,134	5.2	0.8	(3.6–6.7)
Little Rock-North Little Rock, Arkansas	823	6.5	0.9	(4.7–8.2)
Los Angeles-Long Beach-Glendale, California†	2,617	6.0	0.5	(5.0–6.9)
Louisville, Kentucky-Indiana	909	9.5	1.2	(7.1–11.8)
Lubbock, Texas	780	9.9	1.8	(6.3–13.4)
Manchester-Nashua, New Hampshire	1,422	5.6	0.6	(4.4–6.7)
McAllen-Edinburg-Mission, Texas	598	6.8	1.0	(4.8–8.7)
Memphis, Tennessee-Mississippi-Arkansas	1,152	8.0	1.0	(6.0–9.9)
Miami-Fort Lauderdale-Miami Beach, Florida	1,030	5.5	0.7	(4.1–6.8)
Midland, Texas	524	6.1	1.0	(4.1–8.0)
Milwaukee-Waukesha-West Allis, Wisconsin	1,533	6.6	0.8	(5.0–8.1)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	4,863	5.1	0.5	(4.1–6.0)
Minot, North Dakota	555	4.6	0.9	(2.8–6.3)
Mobile, Alabama	681	8.7	1.2	(6.3–11.0)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	555	9.7	1.6	(6.5–12.8)
Naples-Marco Island, Florida	522	7.1	1.3	(4.5–9.6)
Nashville-Davidson-Murfreesboro, Tennessee	830	7.7	1.4	(4.9–10.4)
Nassau-Suffolk, New York†	1,070	6.5	0.9	(4.7–8.2)
Newark-Union, New Jersey-Pennsylvania†	3,326	6.4	0.5	(5.4–7.3)
New Haven-Milford, Connecticut	1,676	6.6	0.7	(5.2–7.9)
New Orleans-Metairie-Kenner, Louisiana	1,537	8.8	0.9	(7.0–10.5)
New York-White Plains-Wayne, New York-New Jersey†	6,202	6.9	0.4	(6.1–7.6)
Norfolk, Nebraska	677	7.9	1.5	(4.9–10.8)
North Platte, Nebraska	578	6.8	1.1	(4.6–8.9)
North Port-Bradenton-Sarasota, Florida	1,133	8.7	0.8	(7.1–10.2)
Ocala, Florida	589	14.9	2.0	(10.9–18.8)
Ocean City, New Jersey	521	7.4	1.1	(5.2–9.5)

See footnotes on page 221.

**TABLE 62. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who required to use special equipment\* due to any health problem, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,702	6.3	1.2	(3.9–8.6)
Oklahoma City, Oklahoma	2,476	9.7	0.6	(8.5–10.8)
Olympia, Washington	777	9.9	1.4	(7.1–12.6)
Omaha-Council Bluffs, Nebraska-Iowa	2,358	6.4	0.7	(5.0–7.7)
Orlando-Kissimmee, Florida	2,676	8.3	0.7	(6.9–9.6)
Palm Bay-Melbourne-Titusville, Florida	528	10.7	1.5	(7.7–13.6)
Panama City-Lynn Haven, Florida	546	11.2	2.3	(6.6–15.7)
Peabody, Massachusetts	2,132	6.7	0.9	(4.9–8.4)
Pensacola-Ferry Pass-Brent, Florida	1,017	9.3	1.1	(7.1–11.4)
Philadelphia, Pennsylvania†	2,367	8.9	0.8	(7.3–10.4)
Phoenix-Mesa-Scottsdale, Arizona	1,688	5.7	0.6	(4.5–6.8)
Pittsburgh, Pennsylvania	2,420	7.6	0.6	(6.4–8.7)
Portland-South Portland-Biddeford, Maine	2,630	6.1	0.5	(5.1–7.0)
Portland-Vancouver-Beaverton, Oregon-Washington	3,399	7.3	0.6	(6.1–8.4)
Port St. Lucie-Fort Pierce, Florida	1,022	10.5	1.2	(8.1–12.8)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	9,527	7.1	0.3	(6.5–7.6)
Provo-Orem, Utah	1,176	4.9	0.8	(3.3–6.4)
Raleigh-Cary, North Carolina	1,027	6.3	0.8	(4.7–7.8)
Rapid City, South Dakota	849	7.7	1.0	(5.7–9.6)
Reno-Sparks, Nevada	1,325	8.5	0.9	(6.7–10.2)
Richmond, Virginia	803	7.2	1.1	(5.0–9.3)
Riverside-San Bernardino-Ontario, California	1,878	6.5	0.6	(5.3–7.6)
Rochester, New York	570	8.0	1.2	(5.6–10.3)
Rockingham County-Strafford County, New Hampshire†	1,608	6.7	0.8	(5.1–8.2)
Rutland, Vermont	658	6.3	0.9	(4.5–8.0)
Sacramento-Arden-Arcade-Roseville, California	1,294	7.0	0.8	(5.4–8.5)
St. Louis, Missouri-Illinois	1,751	9.2	1.1	(7.0–11.3)
Salt Lake City, Utah	4,309	5.3	0.4	(4.5–6.0)
San Antonio, Texas	1,130	9.0	1.1	(6.8–11.1)
San Diego-Carlsbad-San Marcos, California	1,695	6.1	0.7	(4.7–7.4)
San Francisco-Oakland-Fremont, California	2,359	7.4	0.6	(6.2–8.5)
San Jose-Sunnyvale-Santa Clara, California	913	7.2	0.9	(5.4–8.9)
Santa Ana-Anaheim-Irvine, California†	1,446	6.3	0.8	(4.7–7.8)
Santa Fe, New Mexico	609	8.6	1.5	(5.6–11.5)
Scottsbluff, Nebraska	760	6.9	1.0	(4.9–8.8)
Scranton-Wilkes-Barre, Pennsylvania	555	8.6	1.2	(6.2–10.9)
Seaford, Delaware	1,240	9.0	0.9	(7.2–10.7)
Seattle-Bellevue-Everett, Washington†	4,688	7.0	0.5	(6.0–7.9)
Sebring, Florida	522	11.3	1.8	(7.7–14.8)
Shreveport-Bossier City, Louisiana	683	8.1	1.1	(5.9–10.2)
Sioux City, Iowa-Nebraska-South Dakota	1,221	6.1	1.1	(3.9–8.2)
Sioux Falls, South Dakota	837	5.4	0.7	(4.0–6.7)
Spokane, Washington	1,217	8.4	1.0	(6.4–10.3)
Springfield, Massachusetts	2,052	7.8	1.2	(5.4–10.1)
Tacoma, Washington†	1,725	8.6	0.8	(7.0–10.1)
Tallahassee, Florida	2,045	8.4	1.1	(6.2–10.5)
Tampa-St. Petersburg-Clearwater, Florida	2,034	11.0	1.1	(8.8–13.1)
Toledo, Ohio	864	10.0	1.3	(7.4–12.5)
Topeka, Kansas	836	8.9	1.0	(6.9–10.8)
Trenton-Ewing, New Jersey	504	4.7	1.0	(2.7–6.6)
Tucson, Arizona	698	9.1	1.2	(6.7–11.4)
Tulsa, Oklahoma	2,144	9.2	0.7	(7.8–10.5)
Tuscaloosa, Alabama	518	12.0	2.1	(7.8–16.1)
Twin Falls, Idaho	540	8.8	1.5	(5.8–11.7)
Tyler, Texas	673	8.5	1.0	(6.5–10.4)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	1,104	8.8	1.1	(6.6–10.9)
Warren-Troy-Farmington Hills, Michigan†	1,800	6.6	0.6	(5.4–7.7)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	6,443	6.2	0.6	(5.0–7.3)
Wauchula, Florida	529	6.0	1.0	(4.0–7.9)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	553	7.7	1.3	(5.1–10.2)
Wichita, Kansas	1,853	8.3	0.7	(6.9–9.6)
Wichita Falls, Texas	829	7.8	0.9	(6.0–9.5)
Wilmington, Delaware-Maryland-New Jersey†	2,217	7.6	0.6	(6.4–8.7)

See footnotes on page 221.



**TABLE 62. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who required to use special equipment\* due to any health problem, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	2,099	8.0	0.9	(6.2–9.7)
Yakima, Washington	740	8.2	1.2	(5.8–10.5)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	1,063	7.0	1.2	(4.6–9.3)
Median		7.5		
Range		4.5–15.5		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Includes use of a cane, wheelchair, special bed, or special telephone occasionally or in certain circumstances.

† Metropolitan division.

**TABLE 63. Estimated prevalence of adults aged  $\geq 18$  years who required to use special equipment\* due to any health problem, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	601	10.5	1.3	(7.9–13.0)
Mobile County, Alabama	681	8.7	1.2	(6.3–11.0)
Tuscaloosa County, Alabama	435	11.4	2.1	(7.2–15.5)
Maricopa County, Arizona	1,301	5.7	0.6	(4.5–6.8)
Pima County, Arizona	698	9.1	1.2	(6.7–11.4)
Pinal County, Arizona	387	5.9	1.3	(3.3–8.4)
Benton County, Arkansas	362	5.5	1.2	(3.1–7.8)
Pulaski County, Arkansas	560	7.2	1.2	(4.8–9.5)
Washington County, Arkansas	298	9.1	1.9	(5.3–12.8)
Alameda County, California	757	6.4	0.9	(4.6–8.1)
Contra Costa County, California	632	7.5	1.1	(5.3–9.6)
Los Angeles County, California	2,617	6.0	0.5	(5.0–6.9)
Orange County, California	1,446	6.3	0.8	(4.7–7.8)
Placer County, California	255	6.6	1.4	(3.8–9.3)
Riverside County, California	932	5.7	0.7	(4.3–7.0)
Sacramento County, California	752	7.7	1.1	(5.5–9.8)
San Bernardino County, California	946	7.6	1.0	(5.6–9.5)
San Diego County, California	1,695	6.1	0.7	(4.7–7.4)
San Francisco County, California	386	7.6	1.4	(4.8–10.3)
San Mateo County, California	385	7.5	1.6	(4.3–10.6)
Santa Clara County, California	875	7.1	1.0	(5.1–9.0)
Adams County, Colorado	809	5.7	0.9	(3.9–7.4)
Arapahoe County, Colorado	873	5.8	0.8	(4.2–7.3)
Denver County, Colorado	878	6.6	0.7	(5.2–7.9)
Douglas County, Colorado	578	3.2	1.2	(0.8–5.5)
El Paso County, Colorado	1,035	7.3	0.8	(5.7–8.8)
Jefferson County, Colorado	1,168	5.2	0.6	(4.0–6.3)
Larimer County, Colorado	562	4.6	1.0	(2.6–6.5)
Fairfield County, Connecticut	2,184	5.1	0.6	(3.9–6.2)
Hartford County, Connecticut	1,502	6.8	0.7	(5.4–8.1)
Middlesex County, Connecticut	264	5.3	1.2	(2.9–7.6)
New Haven County, Connecticut	1,676	6.6	0.7	(5.2–7.9)
Tolland County, Connecticut	255	6.5	1.6	(3.3–9.6)
Kent County, Delaware	1,255	9.1	0.9	(7.3–10.8)
New Castle County, Delaware	1,751	7.5	0.6	(6.3–8.6)
Sussex County, Delaware	1,240	9.0	0.9	(7.2–10.7)
District of Columbia, District of Columbia	3,970	7.8	0.5	(6.8–8.7)
Alachua County, Florida	536	6.2	1.2	(3.8–8.5)
Baker County, Florida	510	11.2	2.8	(5.7–16.6)
Bay County, Florida	546	11.2	2.3	(6.6–15.7)
Brevard County, Florida	528	10.7	1.5	(7.7–13.6)
Broward County, Florida	526	6.2	1.1	(4.0–8.3)
Citrus County, Florida	534	15.5	1.9	(11.7–19.2)
Clay County, Florida	487	9.0	1.3	(6.4–11.5)
Collier County, Florida	522	7.1	1.3	(4.5–9.6)
Columbia County, Florida	566	10.9	1.5	(7.9–13.8)
DeSoto County, Florida	502	8.3	1.5	(5.3–11.2)
Duval County, Florida	551	11.0	1.5	(8.0–13.9)
Escambia County, Florida	521	8.8	1.5	(5.8–11.7)
Gadsden County, Florida	510	10.6	3.4	(3.9–17.2)
Gilchrist County, Florida	418	9.0	1.6	(5.8–12.1)
Hardee County, Florida	529	6.0	1.0	(4.0–7.9)
Hernando County, Florida	490	12.2	1.9	(8.4–15.9)
Highlands County, Florida	522	11.3	1.8	(7.7–14.8)
Hillsborough County, Florida	506	10.5	2.0	(6.5–14.4)
Jefferson County, Florida	502	8.5	1.7	(5.1–11.8)
Lake County, Florida	607	10.6	1.5	(7.6–13.5)
Lee County, Florida	517	10.0	1.4	(7.2–12.7)
Leon County, Florida	497	8.3	1.6	(5.1–11.4)
Manatee County, Florida	525	9.2	1.3	(6.6–11.7)
Marion County, Florida	589	14.9	2.0	(10.9–18.8)
Martin County, Florida	518	10.3	1.7	(6.9–13.6)
Miami-Dade County, Florida	504	5.9	1.0	(3.9–7.8)

See footnotes on page 226.

**TABLE 63. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who required to use special equipment\* due to any health problem, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	504	6.6	1.3	(4.0–9.1)
Nassau County, Florida	522	7.1	1.3	(4.5–9.6)
Orange County, Florida	1,008	8.4	1.1	(6.2–10.5)
Osceola County, Florida	569	6.2	1.2	(3.8–8.5)
Palm Beach County, Florida	553	7.7	1.3	(5.1–10.2)
Pasco County, Florida	541	11.8	1.8	(8.2–15.3)
Pinellas County, Florida	497	9.6	1.4	(6.8–12.3)
Polk County, Florida	519	9.4	1.4	(6.6–12.1)
St. Johns County, Florida	522	7.8	1.3	(5.2–10.3)
St. Lucie County, Florida	504	10.8	1.5	(7.8–13.7)
Santa Rosa County, Florida	496	10.5	1.6	(7.3–13.6)
Sarasota County, Florida	608	8.6	1.1	(6.4–10.7)
Seminole County, Florida	492	7.5	1.3	(4.9–10.0)
Volusia County, Florida	861	10.8	1.2	(8.4–13.1)
Wakulla County, Florida	536	12.0	2.3	(7.4–16.5)
Cobb County, Georgia	254	6.0	1.6	(2.8–9.1)
DeKalb County, Georgia	341	6.1	1.4	(3.3–8.8)
Fulton County, Georgia	330	8.0	2.2	(3.6–12.3)
Gwinnett County, Georgia	250	5.5	1.6	(2.3–8.6)
Hawaii County, Hawaii	1,479	7.0	0.8	(5.4–8.5)
Honolulu County, Hawaii	2,960	5.7	0.5	(4.7–6.6)
Kauai County, Hawaii	645	5.3	0.9	(3.5–7.0)
Maui County, Hawaii	1,465	5.8	0.8	(4.2–7.3)
Ada County, Idaho	865	7.3	1.0	(5.3–9.2)
Bonneville County, Idaho	523	6.8	1.1	(4.6–8.9)
Canyon County, Idaho	619	7.0	1.1	(4.8–9.1)
Kootenai County, Idaho	569	6.1	1.0	(4.1–8.0)
Nez Perce County, Idaho	381	7.6	1.4	(4.8–10.3)
Twin Falls County, Idaho	434	8.2	1.6	(5.0–11.3)
Cook County, Illinois	2,886	6.5	0.5	(5.5–7.4)
DuPage County, Illinois	256	3.0	1.0	(1.0–4.9)
Allen County, Indiana	586	7.9	1.3	(5.3–10.4)
Lake County, Indiana	1,003	11.1	1.7	(7.7–14.4)
Marion County, Indiana	1,464	8.5	1.1	(6.3–10.6)
Linn County, Iowa	495	7.8	1.6	(4.6–10.9)
Polk County, Iowa	767	6.6	0.9	(4.8–8.3)
Johnson County, Kansas	1,416	5.4	0.7	(4.0–6.7)
Sedgwick County, Kansas	1,437	9.4	0.9	(7.6–11.1)
Shawnee County, Kansas	624	7.8	1.0	(5.8–9.7)
Wyandotte County, Kansas	608	9.4	1.3	(6.8–11.9)
Jefferson County, Kentucky	410	10.1	1.7	(6.7–13.4)
Caddo Parish, Louisiana	447	9.1	1.4	(6.3–11.8)
East Baton Rouge Parish, Louisiana	722	6.3	1.0	(4.3–8.2)
Jefferson Parish, Louisiana	595	7.0	1.1	(4.8–9.1)
Orleans Parish, Louisiana	377	10.2	2.2	(5.8–14.5)
St. Tammany Parish, Louisiana	372	10.2	1.9	(6.4–13.9)
Androscoggin County, Maine	502	6.5	1.1	(4.3–8.6)
Cumberland County, Maine	1,390	5.6	0.8	(4.0–7.1)
Kennebec County, Maine	651	6.4	1.0	(4.4–8.3)
Penobscot County, Maine	692	9.0	1.1	(6.8–11.1)
Sagadahoc County, Maine	299	8.9	2.0	(4.9–12.8)
York County, Maine	941	6.2	0.8	(4.6–7.7)
Anne Arundel County, Maryland	602	5.6	1.1	(3.4–7.7)
Baltimore County, Maryland	1,054	8.9	1.0	(6.9–10.8)
Cecil County, Maryland	270	5.2	1.2	(2.8–7.5)
Charles County, Maryland	349	5.8	1.2	(3.4–8.1)
Frederick County, Maryland	577	5.3	1.1	(3.1–7.4)
Harford County, Maryland	280	7.7	1.8	(4.1–11.2)
Howard County, Maryland	342	8.7	2.0	(4.7–12.6)
Montgomery County, Maryland	1,063	5.0	0.7	(3.6–6.3)
Prince George's County, Maryland	796	5.9	0.8	(4.3–7.4)
Queen Anne's County, Maryland	295	3.3	1.0	(1.3–5.2)
Washington County, Maryland	408	9.5	1.6	(6.3–12.6)

See footnotes on page 226.

**TABLE 63. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who required to use special equipment\* due to any health problem, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	534	10.5	1.6	(7.3–13.6)
Bristol County, Massachusetts	2,930	6.5	0.7	(5.1–7.8)
Essex County, Massachusetts	2,132	6.6	0.9	(4.8–8.3)
Hampden County, Massachusetts	1,593	8.3	1.2	(5.9–10.6)
Hampshire County, Massachusetts	275	4.9	1.1	(2.7–7.0)
Middlesex County, Massachusetts	3,024	5.9	0.5	(4.9–6.8)
Norfolk County, Massachusetts	859	6.4	0.9	(4.6–8.1)
Plymouth County, Massachusetts	687	7.7	1.2	(5.3–10.0)
Suffolk County, Massachusetts	1,756	7.3	1.1	(5.1–9.4)
Worcester County, Massachusetts	2,099	8.0	0.9	(6.2–9.7)
Kent County, Michigan	446	6.0	1.1	(3.8–8.1)
Macomb County, Michigan	516	8.5	1.4	(5.7–11.2)
Oakland County, Michigan	936	5.9	0.8	(4.3–7.4)
Wayne County, Michigan	1,914	10.0	0.8	(8.4–11.5)
Anoka County, Minnesota	397	7.1	1.7	(3.7–10.4)
Dakota County, Minnesota	569	3.7	0.9	(1.9–5.4)
Hennepin County, Minnesota	2,053	4.2	0.5	(3.2–5.1)
Ramsey County, Minnesota	919	7.9	1.9	(4.1–11.6)
Washington County, Minnesota	258	6.2	2.2	(1.8–10.5)
DeSoto County, Mississippi	370	7.3	1.6	(4.1–10.4)
Hinds County, Mississippi	340	13.9	2.9	(8.2–19.5)
Jackson County, Missouri	526	9.2	1.3	(6.6–11.7)
St. Louis County, Missouri	605	11.5	2.5	(6.6–16.4)
St. Louis city, Missouri	648	9.8	1.3	(7.2–12.3)
Flathead County, Montana	701	5.6	0.8	(4.0–7.1)
Lewis and Clark County, Montana	532	8.1	1.2	(5.7–10.4)
Yellowstone County, Montana	486	6.5	1.0	(4.5–8.4)
Adams County, Nebraska	479	6.2	1.1	(4.0–8.3)
Dakota County, Nebraska	741	7.1	1.2	(4.7–9.4)
Douglas County, Nebraska	950	7.0	1.1	(4.8–9.1)
Hall County, Nebraska	586	8.7	1.4	(5.9–11.4)
Lancaster County, Nebraska	849	5.0	0.8	(3.4–6.5)
Lincoln County, Nebraska	546	7.1	1.2	(4.7–9.4)
Madison County, Nebraska	469	8.5	1.9	(4.7–12.2)
Sarpy County, Nebraska	579	4.9	1.0	(2.9–6.8)
Scotts Bluff County, Nebraska	737	7.0	1.0	(5.0–8.9)
Seward County, Nebraska	285	8.9	1.7	(5.5–12.2)
Clark County, Nevada	1,270	6.6	0.7	(5.2–7.9)
Washoe County, Nevada	1,305	8.3	0.9	(6.5–10.0)
Grafton County, New Hampshire	517	6.4	1.0	(4.4–8.3)
Hillsborough County, New Hampshire	1,422	5.6	0.6	(4.4–6.7)
Merrimack County, New Hampshire	641	7.0	1.2	(4.6–9.3)
Rockingham County, New Hampshire	1,020	6.7	1.0	(4.7–8.6)
Strafford County, New Hampshire	588	6.5	1.0	(4.5–8.4)
Atlantic County, New Jersey	921	7.6	1.2	(5.2–9.9)
Bergen County, New Jersey	627	4.3	0.8	(2.7–5.8)
Burlington County, New Jersey	568	8.0	1.2	(5.6–10.3)
Camden County, New Jersey	603	8.5	1.2	(6.1–10.8)
Cape May County, New Jersey	521	7.4	1.1	(5.2–9.5)
Essex County, New Jersey	1,025	7.4	1.0	(5.4–9.3)
Gloucester County, New Jersey	527	6.0	1.0	(4.0–7.9)
Hudson County, New Jersey	1,101	7.4	0.9	(5.6–9.1)
Hunterdon County, New Jersey	515	2.7	0.6	(1.5–3.8)
Mercer County, New Jersey	504	4.7	1.0	(2.7–6.6)
Middlesex County, New Jersey	632	5.6	1.1	(3.4–7.7)
Monmouth County, New Jersey	564	6.3	1.1	(4.1–8.4)
Morris County, New Jersey	702	4.8	0.8	(3.2–6.3)
Ocean County, New Jersey	536	8.1	1.3	(5.5–10.6)
Passaic County, New Jersey	503	4.5	1.0	(2.5–6.4)
Somerset County, New Jersey	536	4.9	1.0	(2.9–6.8)
Sussex County, New Jersey	502	5.8	1.3	(3.2–8.3)
Union County, New Jersey	522	8.5	1.6	(5.3–11.6)
Warren County, New Jersey	481	8.4	1.3	(5.8–10.9)

See footnotes on page 226.

**TABLE 63. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who required to use special equipment\* due to any health problem, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	1,264	9.6	0.9	(7.8–11.3)
Dona Ana County, New Mexico	504	8.5	1.3	(5.9–11.0)
Sandoval County, New Mexico	520	7.9	1.3	(5.3–10.4)
San Juan County, New Mexico	686	5.3	0.9	(3.5–7.0)
Santa Fe County, New Mexico	609	8.6	1.5	(5.6–11.5)
Valencia County, New Mexico	350	9.4	1.8	(5.8–12.9)
Bronx County, New York	436	9.1	1.4	(6.3–11.8)
Erie County, New York	479	9.1	1.5	(6.1–12.0)
Kings County, New York	912	9.4	1.1	(7.2–11.5)
Monroe County, New York	384	9.1	1.7	(5.7–12.4)
Nassau County, New York	477	5.7	1.1	(3.5–7.8)
New York County, New York	1,040	7.0	0.8	(5.4–8.5)
Queens County, New York	797	6.5	0.8	(4.9–8.0)
Suffolk County, New York	593	6.8	1.3	(4.2–9.3)
Westchester County, New York	384	5.9	1.2	(3.5–8.2)
Buncombe County, North Carolina	263	8.8	1.5	(5.8–11.7)
Cabarrus County, North Carolina	308	6.0	1.8	(2.4–9.5)
Catawba County, North Carolina	294	7.0	1.8	(3.4–10.5)
Durham County, North Carolina	621	7.0	1.2	(4.6–9.3)
Gaston County, North Carolina	267	11.2	2.4	(6.4–15.9)
Guilford County, North Carolina	695	6.7	1.0	(4.7–8.6)
Johnston County, North Carolina	275	10.6	2.0	(6.6–14.5)
Mecklenburg County, North Carolina	608	6.0	0.9	(4.2–7.7)
Orange County, North Carolina	298	7.5	1.6	(4.3–10.6)
Randolph County, North Carolina	398	9.6	1.7	(6.2–12.9)
Union County, North Carolina	349	7.1	1.4	(4.3–9.8)
Wake County, North Carolina	713	5.8	0.9	(4.0–7.5)
Burleigh County, North Dakota	560	5.5	0.9	(3.7–7.2)
Cass County, North Dakota	780	3.6	0.6	(2.4–4.7)
Ward County, North Dakota	464	5.0	1.0	(3.0–6.9)
Cuyahoga County, Ohio	722	8.0	1.1	(5.8–10.1)
Franklin County, Ohio	680	8.7	1.1	(6.5–10.8)
Hamilton County, Ohio	728	7.7	1.1	(5.5–9.8)
Lucas County, Ohio	730	11.6	1.6	(8.4–14.7)
Mahoning County, Ohio	731	8.4	1.2	(6.0–10.7)
Montgomery County, Ohio	705	8.5	1.2	(6.1–10.8)
Stark County, Ohio	716	7.3	0.9	(5.5–9.0)
Summit County, Ohio	703	9.5	1.2	(7.1–11.8)
Cleveland County, Oklahoma	434	8.0	1.3	(5.4–10.5)
Oklahoma County, Oklahoma	1,440	10.2	0.9	(8.4–11.9)
Tulsa County, Oklahoma	1,523	9.4	0.8	(7.8–10.9)
Clackamas County, Oregon	450	5.6	1.1	(3.4–7.7)
Lane County, Oregon	512	11.9	2.2	(7.5–16.2)
Multnomah County, Oregon	815	8.5	1.3	(5.9–11.0)
Washington County, Oregon	586	6.2	1.1	(4.0–8.3)
Allegheny County, Pennsylvania	1,382	7.9	0.8	(6.3–9.4)
Lehigh County, Pennsylvania	283	6.3	1.3	(3.7–8.8)
Luzerne County, Pennsylvania	313	10.6	2.2	(6.2–14.9)
Montgomery County, Pennsylvania	347	10.3	2.1	(6.1–14.4)
Northampton County, Pennsylvania	259	4.9	1.1	(2.7–7.0)
Philadelphia County, Pennsylvania	1,403	13.2	1.3	(10.6–15.7)
Westmoreland County, Pennsylvania	337	6.8	1.3	(4.2–9.3)
Bristol County, Rhode Island	278	5.1	1.1	(2.9–7.2)
Kent County, Rhode Island	939	8.3	0.9	(6.5–10.0)
Newport County, Rhode Island	488	6.9	1.1	(4.7–9.0)
Providence County, Rhode Island	4,145	7.7	0.4	(6.9–8.4)
Washington County, Rhode Island	747	6.2	1.2	(3.8–8.5)
Aiken County, South Carolina	474	8.0	1.4	(5.2–10.7)
Beaufort County, South Carolina	681	5.6	1.0	(3.6–7.5)
Berkeley County, South Carolina	358	8.9	2.7	(3.6–14.1)
Charleston County, South Carolina	670	8.0	1.3	(5.4–10.5)
Greenville County, South Carolina	495	9.8	1.9	(6.0–13.5)
Horry County, South Carolina	555	9.7	1.6	(6.5–12.8)

See footnotes on page 226.

**TABLE 63. (Continued) Estimated prevalence of adults aged  $\geq 18$  years who required to use special equipment\* due to any health problem, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	666	11.5	1.9	(7.7–15.2)
Minnehaha County, South Dakota	604	6.4	0.9	(4.6–8.1)
Pennington County, South Dakota	668	7.4	1.1	(5.2–9.5)
Davidson County, Tennessee	418	6.5	1.1	(4.3–8.6)
Hamilton County, Tennessee	385	9.8	2.1	(5.6–13.9)
Knox County, Tennessee	370	13.1	2.5	(8.2–18.0)
Shelby County, Tennessee	392	7.1	1.3	(4.5–9.6)
Sullivan County, Tennessee	461	12.8	2.1	(8.6–16.9)
Bexar County, Texas	971	10.1	1.3	(7.5–12.6)
Dallas County, Texas	391	7.1	1.4	(4.3–9.8)
El Paso County, Texas	872	6.6	0.9	(4.8–8.3)
Fort Bend County, Texas	929	5.1	0.7	(3.7–6.4)
Harris County, Texas	1,456	6.6	0.8	(5.0–8.1)
Hidalgo County, Texas	598	6.8	1.0	(4.8–8.7)
Lubbock County, Texas	756	10.4	2.0	(6.4–14.3)
Midland County, Texas	524	6.1	1.0	(4.1–8.0)
Potter County, Texas	337	9.9	1.8	(6.3–13.4)
Randall County, Texas	460	4.6	0.9	(2.8–6.3)
Smith County, Texas	673	8.5	1.0	(6.5–10.4)
Tarrant County, Texas	603	7.3	1.4	(4.5–10.0)
Travis County, Texas	762	4.2	0.9	(2.4–5.9)
Val Verde County, Texas	559	7.6	1.4	(4.8–10.3)
Webb County, Texas	924	7.4	0.8	(5.8–8.9)
Wichita County, Texas	678	8.1	1.0	(6.1–10.0)
Davis County, Utah	880	6.7	1.7	(3.3–10.0)
Salt Lake County, Utah	3,287	5.5	0.4	(4.7–6.2)
Summit County, Utah	453	1.3	0.5	(0.3–2.2)
Tooele County, Utah	569	5.4	1.0	(3.4–7.3)
Utah County, Utah	1,113	4.8	0.8	(3.2–6.3)
Weber County, Utah	777	5.6	0.8	(4.0–7.1)
Chittenden County, Vermont	1,429	4.0	0.5	(3.0–4.9)
Franklin County, Vermont	486	8.2	1.2	(5.8–10.5)
Orange County, Vermont	358	6.1	1.2	(3.7–8.4)
Rutland County, Vermont	658	6.3	0.9	(4.5–8.0)
Washington County, Vermont	670	7.5	1.1	(5.3–9.6)
Windsor County, Vermont	681	6.5	0.9	(4.7–8.2)
Benton County, Washington	392	5.8	1.1	(3.6–7.9)
Clark County, Washington	1,093	8.2	1.0	(6.2–10.1)
Franklin County, Washington	255	4.0	1.0	(2.0–5.9)
King County, Washington	3,037	6.9	0.6	(5.7–8.0)
Kitsap County, Washington	921	7.9	1.1	(5.7–10.0)
Pierce County, Washington	1,725	8.6	0.8	(7.0–10.1)
Snohomish County, Washington	1,651	7.6	0.7	(6.2–8.9)
Spokane County, Washington	1,217	8.4	1.0	(6.4–10.3)
Thurston County, Washington	777	9.9	1.4	(7.1–12.6)
Yakima County, Washington	740	8.2	1.2	(5.8–10.5)
Kanawha County, West Virginia	490	10.4	1.8	(6.8–13.9)
Milwaukee County, Wisconsin	1,219	8.8	1.4	(6.0–11.5)
Laramie County, Wyoming	914	9.3	1.0	(7.3–11.2)
Natrona County, Wyoming	768	8.6	1.0	(6.6–10.5)
Median		7.4		
Range		1.3–15.5		

Abbreviations: SE = standard error; CI = confidence interval.

\* Includes use of a cane, wheelchair, special bed, or special telephone occasionally or in certain circumstances.



**TABLE 64. Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they have coronary heart disease,\* by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	5,837	13.5	0.6	(12.3–14.7)
Alaska	1,260	7.8	1.1	(5.7–9.9)
Arizona	4,578	9.8	0.7	(8.5–11.1)
Arkansas	3,232	14.3	0.7	(12.9–15.7)
California	12,605	9.7	0.3	(9.0–10.4)
Colorado	8,746	8.5	0.4	(7.8–9.2)
Connecticut	5,082	8.7	0.5	(7.8–9.6)
Delaware	3,214	11.6	0.7	(10.3–12.9)
District of Columbia	2,863	6.5	0.5	(5.4–7.6)
Florida	27,958	11.7	0.4	(10.9–12.5)
Georgia	4,297	10.9	0.6	(9.8–12.0)
Hawaii	4,947	7.3	0.5	(6.3–8.3)
Idaho	5,277	10.6	0.5	(9.6–11.6)
Illinois	3,889	10.8	0.6	(9.6–12.0)
Indiana	7,693	12.9	0.5	(11.9–13.9)
Iowa	4,678	10.5	0.5	(9.5–11.5)
Kansas	6,552	10.7	0.4	(9.9–11.5)
Kentucky	6,104	14.7	0.6	(13.5–15.9)
Louisiana	5,217	14.0	0.6	(12.9–15.1)
Maine	6,331	12.0	0.5	(11.1–12.9)
Maryland	6,758	9.6	0.5	(8.7–10.5)
Massachusetts	11,976	10.3	0.4	(9.5–11.1)
Michigan	6,970	13.7	0.5	(12.7–14.7)
Minnesota	6,531	9.1	0.5	(8.1–10.1)
Mississippi	6,209	13.6	0.5	(12.5–14.7)
Missouri	4,170	12.1	0.7	(10.8–13.4)
Montana	5,611	11.1	0.5	(10.1–12.1)
Nebraska	12,828	10.4	0.4	(9.6–11.2)
Nevada	2,910	11.8	0.9	(10.1–13.5)
New Hampshire	4,706	10.2	0.5	(9.2–11.2)
New Jersey	9,014	10.0	0.4	(9.2–10.8)
New Mexico	5,400	10.3	0.5	(9.3–11.3)
New York	6,682	11.1	0.4	(10.2–12.0)
North Carolina	8,997	12.9	0.5	(11.9–13.9)
North Dakota	3,567	11.6	0.6	(10.4–12.8)
Ohio	7,548	11.5	0.5	(10.6–12.4)
Oklahoma	5,798	14.3	0.5	(13.3–15.3)
Oregon	4,063	10.0	0.5	(9.0–11.0)
Pennsylvania	8,566	11.9	0.4	(11.1–12.7)
Rhode Island	4,989	10.1	0.5	(9.1–11.1)
South Carolina	7,260	11.5	0.6	(10.4–12.6)
South Dakota	5,074	12.0	0.6	(10.9–13.1)
Tennessee	4,520	13.5	0.7	(12.1–14.9)
Texas	13,216	12.4	0.5	(11.4–13.4)
Utah	6,609	8.8	0.4	(8.0–9.6)
Vermont	5,332	9.3	0.4	(8.5–10.1)
Virginia	4,078	11.2	0.7	(9.9–12.5)
Washington	15,136	8.8	0.3	(8.3–9.3)
West Virginia	3,354	15.5	0.7	(14.1–16.9)
Wisconsin	3,611	9.6	0.6	(8.4–10.8)
Wyoming	4,555	10.5	0.5	(9.5–11.5)
Guam	399	9.6	1.8	(6.1–13.1)
Puerto Rico	2,675	16.7	0.8	(15.1–18.3)
Virgin Islands	1,261	5.3	0.8	(3.8–6.8)
Median		10.9		
Range		5.3–16.7		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Including heart attack, also known as myocardial infarction, and angina.

**TABLE 65. Estimated prevalence of adults aged ≥45 years who have ever been told by a health professional that they have coronary heart disease,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	640	11.6	1.5	(8.7–14.5)
Albuquerque, New Mexico	1,683	8.3	0.8	(6.7–9.9)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	827	9.9	1.4	(7.2–12.6)
Amarillo, Texas	632	13.3	1.4	(10.5–16.1)
Arcadia, Florida	423	19.4	3.1	(13.2–25.6)
Asheville, North Carolina	452	14.9	1.9	(11.2–18.6)
Atlanta-Sandy Springs-Marietta, Georgia	1,694	8.1	0.7	(6.7–9.5)
Atlantic City, New Jersey	693	11.2	1.4	(8.4–14.0)
Augusta-Richmond County, Georgia-South Carolina	654	10.7	1.4	(8.0–13.4)
Augusta-Waterville, Maine	524	12.8	1.6	(9.6–16.0)
Austin-Round Rock, Texas	681	8.4	1.5	(5.4–11.4)
Baltimore-Towson, Maryland	2,432	10.1	0.7	(8.7–11.5)
Bangor, Maine	523	11.1	1.5	(8.1–14.1)
Barre, Vermont	535	7.6	1.2	(5.3–9.9)
Baton Rouge, Louisiana	845	14.7	1.5	(11.8–17.6)
Bethesda-Gaithersburg-Frederick, Maryland†	1,202	7.7	0.9	(5.9–9.5)
Billings, Montana	429	13.4	1.8	(9.8–17.0)
Birmingham-Hoover, Alabama	897	12.1	1.2	(9.7–14.5)
Bismarck, North Dakota	574	10.4	1.3	(7.8–13.0)
Boise City-Nampa, Idaho	1,228	10.5	1.0	(8.5–12.5)
Boston-Quincy, Massachusetts†	2,390	10.2	0.8	(8.6–11.8)
Bremerton-Silverdale, Washington	730	9.3	1.1	(7.2–11.4)
Bridgeport-Stamford-Norwalk, Connecticut	1,611	7.1	0.8	(5.5–8.7)
Buffalo-Cheektowaga-Tonawanda, New York	500	13.6	1.7	(10.3–16.9)
Burlington-South Burlington, Vermont	1,488	8.2	0.7	(6.8–9.6)
Cambridge-Newton-Framingham, Massachusetts†	2,118	7.7	0.7	(6.3–9.1)
Camden, New Jersey†	1,253	10.2	1.0	(8.2–12.2)
Canton-Massillon, Ohio	589	11.5	1.5	(8.6–14.4)
Cape Coral-Fort Myers, Florida	431	11.8	1.7	(8.5–15.1)
Casper, Wyoming	599	11.9	1.4	(9.1–14.7)
Cedar Rapids, Iowa	428	12.3	1.8	(8.7–15.9)
Charleston, West Virginia	603	15.0	1.6	(11.9–18.1)
Charleston-North Charleston, South Carolina	875	12.0	2.0	(8.1–15.9)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,274	9.6	1.0	(7.6–11.6)
Chattanooga, Tennessee-Georgia	422	16.6	3.1	(10.5–22.7)
Cheyenne, Wyoming	711	13.5	1.4	(10.7–16.3)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,685	10.7	0.8	(9.2–12.2)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,364	10.9	1.2	(8.5–13.3)
Cleveland-Elyria-Mentor, Ohio	868	11.1	1.3	(8.6–13.6)
Coeur d'Alene, Idaho	468	13.6	1.9	(9.9–17.3)
Colorado Springs, Colorado	850	8.2	1.0	(6.3–10.1)
Columbia, South Carolina	839	12.2	1.5	(9.2–15.2)
Columbus, Ohio	993	10.5	1.1	(8.3–12.7)
Concord, New Hampshire	512	9.4	1.5	(6.5–12.3)
Dallas-Plano-Irving, Texas†	513	12.8	1.7	(9.4–16.2)
Dayton, Ohio	671	11.2	1.7	(7.8–14.6)
Del Rio, Texas	409	11.0	1.9	(7.4–14.6)
Deltona-Daytona Beach-Ormond Beach, Florida	725	13.8	1.7	(10.6–17.0)
Denver-Aurora, Colorado	3,514	7.7	0.5	(6.7–8.7)
Des Moines-West Des Moines, Iowa	732	8.3	1.0	(6.3–10.3)
Detroit-Livonia-Dearborn, Michigan†	1,527	16.5	1.4	(13.8–19.2)
Dover, Delaware	910	12.5	1.2	(10.2–14.8)
Durham, North Carolina	739	7.5	1.2	(5.1–9.9)
Edison, New Jersey†	1,668	9.2	0.9	(7.5–10.9)
El Paso, Texas	607	11.4	1.4	(8.7–14.1)
Eugene-Springfield, Oregon	420	8.1	1.4	(5.4–10.8)
Evansville, Indiana-Kentucky	414	11.8	2.0	(7.9–15.7)
Fargo, North Dakota-Minnesota	620	12.0	2.8	(6.5–17.5)
Farmington, New Mexico	511	13.8	1.9	(10.0–17.6)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	527	9.5	1.5	(6.6–12.4)
Fort Collins-Loveland, Colorado	441	9.0	1.4	(6.2–11.8)
Fort Wayne, Indiana	536	12.8	1.7	(9.5–16.1)
Fort Worth-Arlington, Texas†	565	10.7	1.6	(7.5–13.9)

See footnotes on page 231.

**TABLE 65. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they have coronary heart disease,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	743	10.1	1.6	(6.9–13.3)
Grand Island, Nebraska	680	12.6	1.4	(9.8–15.4)
Grand Rapids-Wyoming, Michigan	468	7.2	1.2	(4.8–9.6)
Greensboro-High Point, North Carolina	909	13.9	1.7	(10.6–17.2)
Greenville, South Carolina	610	8.7	1.4	(6.0–11.4)
Hagerstown-Martinsburg, Maryland-West Virginia	479	10.8	1.6	(7.8–13.8)
Hartford-West Hartford-East Hartford, Connecticut	1,553	8.6	0.8	(7.0–10.2)
Hastings, Nebraska	465	11.7	1.6	(8.6–14.8)
Helena, Montana	517	10.1	1.4	(7.4–12.8)
Hickory-Morganton-Lenoir, North Carolina	452	13.6	2.2	(9.3–17.9)
Hilo, Hawaii	1,114	8.5	0.9	(6.6–10.4)
Hilton Head Island-Beaufort, South Carolina	667	10.0	1.2	(7.6–12.4)
Homosassa Springs, Florida	467	19.6	2.3	(15.2–24.0)
Honolulu, Hawaii	2,202	6.5	0.6	(5.3–7.7)
Houston-Sugar Land-Baytown, Texas	1,936	10.0	0.9	(8.3–11.7)
Huntington-Ashland, West Virginia-Kentucky-Ohio	502	16.8	2.1	(12.7–20.9)
Idaho Falls, Idaho	469	8.2	1.4	(5.4–11.0)
Indianapolis-Carmel, Indiana	1,669	10.8	1.0	(8.8–12.8)
Jackson, Mississippi	567	11.2	1.5	(8.2–14.2)
Jacksonville, Florida	1,971	10.8	1.1	(8.7–12.9)
Kahului-Wailuku, Hawaii	1,116	8.5	1.1	(6.3–10.7)
Kalispell, Montana	533	9.1	1.3	(6.5–11.7)
Kansas City, Missouri-Kansas	2,528	11.0	0.8	(9.4–12.6)
Kapaa, Hawaii	515	8.7	1.4	(5.9–11.5)
Kennebec-Richland-Pasco, Washington	457	10.1	1.4	(7.3–12.9)
Key West-Marathon, Florida	437	11.5	1.7	(8.1–14.9)
Kingsport-Bristol, Tennessee-Virginia	548	16.6	2.9	(10.9–22.3)
Knoxville, Tennessee	420	15.4	2.6	(10.3–20.5)
Lake City, Florida	418	19.3	2.6	(14.2–24.4)
Lakeland-Winter Haven, Florida	423	16.2	2.2	(11.9–20.5)
Laredo, Texas	532	10.2	1.4	(7.4–13.0)
Las Cruces, New Mexico	398	10.7	1.6	(7.5–13.9)
Las Vegas-Paradise, Nevada	903	11.8	1.2	(9.4–14.2)
Lebanon, New Hampshire-Vermont	1,245	8.3	0.9	(6.6–10.0)
Lewiston, Idaho-Washington	493	10.0	1.5	(7.1–12.9)
Lewiston-Auburn, Maine	367	14.8	2.2	(10.5–19.1)
Lincoln, Nebraska	870	10.0	1.2	(7.7–12.3)
Little Rock-North Little Rock, Arkansas	665	12.5	1.5	(9.5–15.5)
Los Angeles-Long Beach-Glendale, California†	1,734	9.7	0.9	(8.0–11.4)
Louisville, Kentucky-Indiana	701	11.6	1.4	(8.9–14.3)
Lubbock, Texas	597	12.7	1.5	(9.8–15.6)
Manchester-Nashua, New Hampshire	1,070	9.4	1.0	(7.5–11.3)
McAllen-Edinburg-Mission, Texas	376	11.3	1.8	(7.7–14.9)
Memphis, Tennessee-Mississippi-Arkansas	876	9.3	1.2	(6.9–11.7)
Miami-Fort Lauderdale-Miami Beach, Florida	807	9.8	1.4	(7.1–12.5)
Midland, Texas	412	8.9	1.5	(6.0–11.8)
Milwaukee-Waukesha-West Allis, Wisconsin	1,116	9.0	1.2	(6.6–11.4)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	3,417	7.8	0.6	(6.6–9.0)
Minot, North Dakota	407	8.7	1.6	(5.6–11.8)
Mobile, Alabama	525	10.6	1.6	(7.4–13.8)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	442	13.7	1.8	(10.2–17.2)
Naples-Marco Island, Florida	467	12.7	1.7	(9.3–16.1)
Nashville-Davidson-Murfreesboro, Tennessee	614	11.2	1.7	(7.9–14.5)
Nassau-Suffolk, New York†	794	9.2	1.0	(7.2–11.2)
Newark-Union, New Jersey-Pennsylvania†	2,422	9.9	0.8	(8.3–11.5)
New Haven-Milford, Connecticut	1,238	8.9	1.0	(7.0–10.8)
New Orleans-Metairie-Kenner, Louisiana	1,158	12.5	1.1	(10.3–14.7)
New York-White Plains-Wayne, New York-New Jersey†	4,278	10.5	0.7	(9.2–11.8)
Norfolk, Nebraska	549	9.4	1.3	(6.9–11.9)
North Platte, Nebraska	474	13.5	1.7	(10.1–16.9)
North Port-Bradenton-Sarasota, Florida	958	15.5	1.4	(13.0–18.4)
Ocala, Florida	487	14.9	1.9	(11.2–18.6)
Ocean City, New Jersey	420	12.7	1.9	(9.1–16.3)

See footnotes on page 231.

**TABLE 65. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they have coronary heart disease,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,118	9.8	1.0	(7.8–11.8)
Oklahoma City, Oklahoma	1,782	13.2	0.9	(11.5–14.9)
Olympia, Washington	566	8.6	1.2	(6.3–10.9)
Omaha-Council Bluffs, Nebraska-Iowa	1,669	9.2	0.8	(7.5–10.9)
Orlando-Kissimmee, Florida	1,992	12.6	0.9	(10.9–14.3)
Palm Bay-Melbourne-Titusville, Florida	434	15.0	1.8	(11.4–18.6)
Panama City-Lynn Haven, Florida	415	12.7	2.0	(8.9–16.5)
Peabody, Massachusetts	1,506	10.0	1.2	(7.8–12.7)
Pensacola-Ferry Pass-Brent, Florida	784	12.0	1.3	(9.4–14.6)
Philadelphia, Pennsylvania†	1,754	8.7	0.9	(7.0–10.4)
Phoenix-Mesa-Scottsdale, Arizona	1,317	11.1	1.0	(9.1–13.1)
Pittsburgh, Pennsylvania	1,919	13.0	0.9	(11.2–14.8)
Portland-South Portland-Biddeford, Maine	2,043	10.0	0.8	(8.4–11.6)
Portland-Vancouver-Beaverton, Oregon-Washington	2,637	8.7	0.7	(7.4–10.0)
Port St. Lucie-Fort Pierce, Florida	868	14.5	1.4	(11.8–17.2)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	7,202	10.5	0.5	(9.5–11.5)
Provo-Orem, Utah	687	10.0	1.3	(7.5–12.5)
Raleigh-Cary, North Carolina	684	9.3	1.2	(6.9–11.7)
Rapid City, South Dakota	642	10.5	1.3	(7.9–13.1)
Reno-Sparks, Nevada	968	9.6	1.0	(7.6–11.6)
Richmond, Virginia	611	14.4	2.4	(9.6–19.2)
Riverside-San Bernardino-Ontario, California	1,288	9.9	0.9	(8.1–11.7)
Rochester, New York	460	10.5	1.6	(7.4–13.6)
Rockingham County-Strafford County, New Hampshire†	1,216	10.5	0.9	(8.7–12.3)
Rutland, Vermont	528	11.6	1.6	(8.5–14.7)
Sacramento-Arden-Arcade-Roseville, California	981	9.2	1.1	(7.0–11.4)
St. Louis, Missouri-Illinois	1,286	9.3	1.1	(7.1–11.5)
Salt Lake City, Utah	2,831	7.6	0.6	(6.5–8.7)
San Antonio, Texas	828	12.4	1.4	(9.6–15.2)
San Diego-Carlsbad-San Marcos, California	1,202	9.5	1.0	(7.5–11.5)
San Francisco-Oakland-Fremont, California	1,719	7.7	0.8	(6.1–9.3)
San Jose-Sunnyvale-Santa Clara, California	623	8.5	1.4	(5.8–11.2)
Santa Ana-Anaheim-Irvine, California†	1,051	7.6	0.9	(5.8–9.4)
Santa Fe, New Mexico	502	6.9	1.4	(4.3–9.5)
Scottsbluff, Nebraska	649	11.5	1.5	(8.5–14.5)
Scranton-Wilkes-Barre, Pennsylvania	446	15.9	2.0	(12.1–19.7)
Seaford, Delaware	1,033	14.5	1.2	(12.1–16.9)
Seattle-Bellevue-Everett, Washington†	3,521	7.3	0.5	(6.3–8.3)
Sebring, Florida	462	17.9	2.1	(13.7–22.1)
Shreveport-Bossier City, Louisiana	514	14.0	1.8	(10.4–17.6)
Sioux City, Iowa-Nebraska-South Dakota	894	10.6	1.9	(7.0–14.2)
Sioux Falls, South Dakota	624	10.3	1.2	(7.9–12.7)
Spokane, Washington	925	8.1	1.0	(6.1–10.1)
Springfield, Massachusetts	1,560	9.8	1.0	(7.8–11.8)
Tacoma, Washington†	1,269	10.4	1.0	(8.4–12.4)
Tallahassee, Florida	1,553	9.1	1.3	(6.6–11.6)
Tampa-St. Petersburg-Clearwater, Florida	1,683	14.4	1.1	(12.2–16.6)
Toledo, Ohio	657	11.1	1.3	(8.6–13.6)
Topeka, Kansas	645	10.7	1.2	(8.3–13.1)
Trenton-Ewing, New Jersey	363	8.2	1.8	(4.6–11.8)
Tucson, Arizona	582	10.7	1.4	(7.9–13.5)
Tulsa, Oklahoma	1,565	13.1	1.0	(11.1–15.1)
Tuscaloosa, Alabama	373	8.3	1.6	(5.2–11.4)
Twin Falls, Idaho	425	11.1	1.7	(7.7–14.5)
Tyler, Texas	526	13.5	1.7	(10.2–16.8)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	809	11.4	1.3	(8.8–14.0)
Warren-Troy-Farmington Hills, Michigan†	1,439	12.2	1.0	(10.3–14.1)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia†	4,570	7.7	0.8	(6.1–9.3)
Wauchula, Florida	404	14.3	1.9	(10.5–18.1)
West Palm Beach-Boca Raton-Boynton Beach, Florida†	473	10.6	1.5	(7.8–13.4)
Wichita, Kansas	1,413	10.9	0.9	(9.2–12.6)
Wichita Falls, Texas	663	16.8	2.8	(11.3–22.3)
Wilmington, Delaware-Maryland-New Jersey†	1,606	10.5	0.9	(8.8–12.2)

See footnotes on page 231.

**TABLE 65. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they have coronary heart disease,\* by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	1,522	11.9	1.2	(9.6–14.2)
Yakima, Washington	558	8.8	1.2	(6.4–11.2)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	862	11.1	1.6	(8.0–14.2)
Median		10.7		
Range		6.5–19.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Including heart attack, also known as myocardial infarction, and angina.

† Metropolitan division.

**TABLE 66. Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they have coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	453	11.5	1.6	(8.3–14.7)
Mobile County, Alabama	525	10.6	1.6	(7.4–13.8)
Tuscaloosa County, Alabama	307	7.8	1.6	(4.6–11.0)
Maricopa County, Arizona	1,003	11.0	1.1	(8.9–13.1)
Pima County, Arizona	582	10.7	1.4	(7.9–13.5)
Pinal County, Arizona	314	14.2	2.3	(9.6–18.8)
Benton County, Arkansas	273	8.2	1.8	(4.6–11.8)
Pulaski County, Arkansas	456	11.2	2.0	(7.3–15.1)
Washington County, Arkansas	227	12.7	2.9	(7.0–18.4)
Alameda County, California	520	8.0	1.7	(4.6–11.4)
Contra Costa County, California	496	7.9	1.4	(5.2–10.6)
Los Angeles County, California	1,734	9.7	0.9	(8.0–11.4)
Orange County, California	1,051	7.6	0.9	(5.8–9.4)
Placer County, California	204	8.8	2.6	(3.6–14.0)
Riverside County, California	632	12.2	1.5	(9.3–15.1)
Sacramento County, California	557	9.5	1.4	(6.7–12.3)
San Bernardino County, California	656	7.6	1.1	(5.5–9.7)
San Diego County, California	1,202	9.5	1.0	(7.5–11.5)
San Francisco County, California	269	7.0	1.8	(3.5–10.5)
San Mateo County, California	276	11.4	2.2	(7.1–15.7)
Santa Clara County, California	593	7.9	1.3	(5.3–10.5)
Adams County, Colorado	563	9.2	1.3	(6.6–11.8)
Arapahoe County, Colorado	629	7.2	1.3	(4.7–9.7)
Denver County, Colorado	640	8.4	1.3	(5.9–10.9)
Douglas County, Colorado	366	6.7	1.3	(4.1–9.3)
El Paso County, Colorado	745	8.3	1.0	(6.3–10.3)
Jefferson County, Colorado	914	7.9	1.0	(6.0–9.8)
Larimer County, Colorado	441	9.0	1.4	(6.2–11.8)
Fairfield County, Connecticut	1,611	7.1	0.8	(5.5–8.7)
Hartford County, Connecticut	1,166	9.4	1.0	(7.5–11.3)
Middlesex County, Connecticut	195	7.4	2.1	(3.2–11.6)
New Haven County, Connecticut	1,238	8.9	1.0	(7.0–10.8)
Tolland County, Connecticut	192	6.4	1.9	(2.8–10.0)
Kent County, Delaware	910	12.5	1.2	(10.2–14.8)
New Castle County, Delaware	1,271	9.7	0.9	(7.8–11.6)
Sussex County, Delaware	1,033	14.5	1.2	(12.1–16.9)
District of Columbia, District of Columbia	2,863	7.5	0.6	(6.3–8.7)
Alachua County, Florida	409	9.8	1.8	(6.2–13.4)
Baker County, Florida	378	16.2	3.4	(9.4–23.0)
Bay County, Florida	415	12.7	2.0	(8.9–16.5)
Brevard County, Florida	434	15.0	1.8	(11.4–18.6)
Broward County, Florida	424	10.3	1.7	(7.1–13.5)
Citrus County, Florida	467	19.6	2.3	(15.2–24.0)
Clay County, Florida	355	11.7	1.8	(8.1–15.3)
Collier County, Florida	467	12.7	1.7	(9.3–16.1)
Columbia County, Florida	418	19.3	2.6	(14.2–24.4)
DeSoto County, Florida	423	19.4	3.1	(13.2–25.6)
Duval County, Florida	409	10.3	1.7	(6.9–13.7)
Escambia County, Florida	409	12.9	1.9	(9.2–16.6)
Gadsden County, Florida	404	8.0	1.5	(5.1–10.9)
Gilchrist County, Florida	334	16.0	3.1	(9.9–22.1)
Hardee County, Florida	404	14.3	1.9	(10.5–18.1)
Hernando County, Florida	416	16.9	2.1	(12.8–21.0)
Highlands County, Florida	462	17.9	2.1	(13.7–22.1)
Hillsborough County, Florida	393	13.2	2.0	(9.3–17.1)
Jefferson County, Florida	409	11.7	1.9	(8.0–15.4)
Lake County, Florida	500	18.1	1.9	(14.4–21.8)
Lee County, Florida	431	11.8	1.7	(8.5–15.1)
Leon County, Florida	365	7.6	1.5	(4.7–10.5)
Manatee County, Florida	442	14.2	1.8	(10.6–17.8)
Marion County, Florida	487	14.9	1.9	(11.2–18.6)
Martin County, Florida	463	10.2	1.6	(7.1–13.3)
Miami-Dade County, Florida	383	10.0	2.0	(6.0–14.0)

See footnotes on page 236.

**TABLE 66. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they have coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	437	11.5	1.7	(8.1–14.9)
Nassau County, Florida	409	14.2	1.9	(10.4–18.0)
Orange County, Florida	695	10.6	1.5	(7.7–13.5)
Osceola County, Florida	429	16.1	2.5	(11.2–21.0)
Palm Beach County, Florida	473	10.6	1.5	(7.8–13.4)
Pasco County, Florida	453	16.6	2.2	(12.3–20.9)
Pinellas County, Florida	421	13.5	1.9	(9.7–17.3)
Polk County, Florida	423	16.2	2.2	(11.9–20.5)
St. Johns County, Florida	420	9.8	1.5	(6.8–12.8)
St. Lucie County, Florida	405	17.2	2.1	(13.1–21.3)
Santa Rosa County, Florida	375	10.7	1.7	(7.3–14.1)
Sarasota County, Florida	539	17.3	1.9	(13.6–21.0)
Seminole County, Florida	368	12.0	1.7	(8.7–15.3)
Volusia County, Florida	725	13.8	1.7	(10.6–17.0)
Wakulla County, Florida	375	18.6	4.3	(10.1–27.1)
Cobb County, Georgia	191	6.1	1.9	(2.3–9.9)
DeKalb County, Georgia	261	7.4	1.7	(4.1–10.7)
Fulton County, Georgia	243	7.1	1.9	(3.3–10.9)
Gwinnett County, Georgia	173	6.4	1.8	(2.8–10.0)
Hawaii County, Hawaii	1,114	8.5	0.9	(6.6–10.4)
Honolulu County, Hawaii	2,202	6.5	0.6	(5.3–7.7)
Kauai County, Hawaii	515	8.7	1.4	(5.9–11.5)
Maui County, Hawaii	1,116	8.5	1.1	(6.3–10.7)
Ada County, Idaho	644	11.0	1.4	(8.2–13.8)
Bonneville County, Idaho	365	7.8	1.5	(4.8–10.8)
Canyon County, Idaho	446	10.2	1.5	(7.3–13.1)
Kootenai County, Idaho	468	13.6	1.9	(9.9–17.3)
Nez Perce County, Idaho	306	10.9	2.0	(7.0–14.8)
Twin Falls County, Idaho	339	10.7	1.9	(6.9–14.5)
Cook County, Illinois	2,112	11.0	0.9	(9.2–12.8)
DuPage County, Illinois	177	9.2	2.4	(4.4–14.0)
Allen County, Indiana	437	13.9	2.0	(10.0–17.8)
Lake County, Indiana	754	17.9	2.7	(12.7–23.1)
Marion County, Indiana	1,116	12.8	1.5	(9.9–15.7)
Linn County, Iowa	374	11.6	1.9	(8.0–15.2)
Polk County, Iowa	566	8.2	1.1	(6.0–10.4)
Johnson County, Kansas	1,027	7.8	0.9	(6.1–9.5)
Sedgwick County, Kansas	1,096	11.2	1.0	(9.2–13.2)
Shawnee County, Kansas	490	10.6	1.4	(7.8–13.4)
Wyandotte County, Kansas	462	12.0	1.7	(8.6–15.4)
Jefferson County, Kentucky	319	9.5	1.8	(5.9–13.1)
Caddo Parish, Louisiana	338	11.2	2.0	(7.2–15.2)
East Baton Rouge Parish, Louisiana	516	13.7	1.9	(9.9–17.5)
Jefferson Parish, Louisiana	466	14.8	1.9	(11.2–18.4)
Orleans Parish, Louisiana	285	9.9	2.0	(5.9–13.9)
St. Tammany Parish, Louisiana	278	13.9	2.3	(9.3–18.5)
Androscoggin County, Maine	367	14.8	2.2	(10.5–19.1)
Cumberland County, Maine	1,099	10.0	1.2	(7.7–12.3)
Kennebec County, Maine	524	12.8	1.6	(9.6–16.0)
Penobscot County, Maine	523	11.1	1.5	(8.1–14.1)
Sagadahoc County, Maine	231	8.0	2.0	(4.1–11.9)
York County, Maine	713	10.3	1.2	(7.9–12.7)
Anne Arundel County, Maryland	430	9.9	1.7	(6.6–13.2)
Baltimore County, Maryland	773	10.6	1.3	(8.1–13.1)
Cecil County, Maryland	195	12.1	2.7	(6.7–17.5)
Charles County, Maryland	233	13.5	2.9	(7.8–19.2)
Frederick County, Maryland	419	8.7	1.5	(5.8–11.6)
Harford County, Maryland	205	11.8	2.5	(6.8–16.8)
Howard County, Maryland	231	9.3	2.2	(5.0–13.6)
Montgomery County, Maryland	783	7.5	1.0	(5.4–9.6)
Prince George's County, Maryland	538	7.0	1.3	(4.5–9.5)
Queen Anne's County, Maryland	222	9.7	2.1	(5.6–13.8)
Washington County, Maryland	306	11.0	2.1	(7.0–15.0)

See footnotes on page 236.



**TABLE 66. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they have coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	401	10.8	2.0	(7.0–14.6)
Bristol County, Massachusetts	2,213	12.1	1.3	(9.6–14.6)
Essex County, Massachusetts	1,552	10.4	1.3	(7.9–12.9)
Hampden County, Massachusetts	1,204	12.4	1.4	(9.6–15.2)
Hampshire County, Massachusetts	215	5.5	1.7	(2.2–8.8)
Middlesex County, Massachusetts	2,118	7.9	0.7	(6.5–9.3)
Norfolk County, Massachusetts	651	9.5	1.2	(7.1–11.9)
Plymouth County, Massachusetts	506	10.8	1.5	(7.9–13.7)
Suffolk County, Massachusetts	1,233	10.5	1.3	(8.0–13.0)
Worcester County, Massachusetts	1,522	11.9	1.2	(9.6–14.2)
Kent County, Michigan	338	6.4	1.3	(3.8–9.0)
Macomb County, Michigan	400	13.2	1.9	(9.5–16.9)
Oakland County, Michigan	767	11.0	1.3	(8.4–13.6)
Wayne County, Michigan	1,527	16.5	1.4	(13.8–19.2)
Anoka County, Minnesota	261	8.3	2.2	(4.1–12.5)
Dakota County, Minnesota	395	6.6	1.5	(3.7–9.5)
Hennepin County, Minnesota	1,464	7.2	1.0	(5.2–9.2)
Ramsey County, Minnesota	689	8.5	1.6	(5.4–11.6)
Washington County, Minnesota	170	12.7	3.0	(6.9–18.5)
DeSoto County, Mississippi	289	10.9	2.0	(7.0–14.8)
Hinds County, Mississippi	245	12.3	2.6	(7.1–17.5)
Jackson County, Missouri	401	11.0	1.6	(7.8–14.2)
St. Louis County, Missouri	460	9.6	2.0	(5.8–13.4)
St. Louis city, Missouri	461	10.5	1.9	(6.7–14.3)
Flathead County, Montana	533	9.1	1.3	(6.5–11.7)
Lewis and Clark County, Montana	427	10.9	1.5	(7.9–13.9)
Yellowstone County, Montana	386	13.1	1.9	(9.3–16.9)
Adams County, Nebraska	379	11.7	1.8	(8.2–15.2)
Dakota County, Nebraska	547	9.7	1.3	(7.1–12.3)
Douglas County, Nebraska	687	8.4	1.1	(6.1–10.7)
Hall County, Nebraska	466	13.7	1.8	(10.2–17.2)
Lancaster County, Nebraska	644	9.5	1.2	(7.1–11.9)
Lincoln County, Nebraska	451	13.8	1.8	(10.3–17.3)
Madison County, Nebraska	382	7.8	1.4	(5.0–10.6)
Sarpy County, Nebraska	400	8.5	1.6	(5.3–11.7)
Scotts Bluff County, Nebraska	628	11.3	1.4	(8.5–14.1)
Seward County, Nebraska	226	15.8	3.0	(9.9–21.7)
Clark County, Nevada	903	11.8	1.2	(9.4–14.2)
Washoe County, Nevada	952	9.5	1.0	(7.5–11.5)
Grafton County, New Hampshire	408	8.2	1.5	(5.2–11.2)
Hillsborough County, New Hampshire	1,070	9.4	1.0	(7.5–11.3)
Merrimack County, New Hampshire	512	9.4	1.5	(6.5–12.3)
Rockingham County, New Hampshire	778	10.2	1.1	(8.0–12.4)
Strafford County, New Hampshire	438	11.2	1.6	(8.1–14.3)
Atlantic County, New Jersey	693	11.2	1.4	(8.4–14.0)
Bergen County, New Jersey	466	8.9	1.7	(5.6–12.2)
Burlington County, New Jersey	432	9.1	1.5	(6.1–12.1)
Camden County, New Jersey	443	10.7	1.7	(7.3–14.1)
Cape May County, New Jersey	420	12.7	1.9	(9.1–16.3)
Essex County, New Jersey	707	10.4	1.4	(7.7–13.1)
Gloucester County, New Jersey	378	9.7	1.7	(6.3–13.1)
Hudson County, New Jersey	665	10.8	1.6	(7.8–13.8)
Hunterdon County, New Jersey	397	7.3	1.6	(4.2–10.4)
Mercer County, New Jersey	363	8.2	1.8	(4.6–11.8)
Middlesex County, New Jersey	440	7.6	1.4	(4.8–10.4)
Monmouth County, New Jersey	428	9.5	1.8	(6.0–13.0)
Morris County, New Jersey	530	9.2	1.5	(6.3–12.1)
Ocean County, New Jersey	419	11.8	1.8	(8.2–15.4)
Passaic County, New Jersey	339	6.8	1.5	(3.9–9.7)
Somerset County, New Jersey	381	7.8	1.6	(4.7–10.9)
Sussex County, New Jersey	367	8.5	1.8	(4.9–12.1)
Union County, New Jersey	374	12.0	2.1	(7.8–16.2)
Warren County, New Jersey	381	9.4	1.4	(6.7–12.1)

See footnotes on page 236.

**TABLE 66. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they have coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	957	8.3	1.1	(6.2–10.4)
Dona Ana County, New Mexico	398	10.7	1.6	(7.5–13.9)
Sandoval County, New Mexico	405	8.3	1.6	(5.1–11.5)
San Juan County, New Mexico	511	13.8	1.9	(10.0–17.6)
Santa Fe County, New Mexico	502	6.9	1.4	(4.3–9.5)
Valencia County, New Mexico	279	8.2	1.8	(4.7–11.7)
Bronx County, New York	274	10.2	2.0	(6.3–14.1)
Erie County, New York	397	13.6	1.9	(9.8–17.4)
Kings County, New York	596	11.0	1.7	(7.6–14.4)
Monroe County, New York	305	9.6	1.9	(5.9–13.3)
Nassau County, New York	353	8.1	1.4	(5.4–10.8)
New York County, New York	797	9.8	1.4	(7.0–12.6)
Queens County, New York	556	10.5	1.5	(7.6–13.4)
Suffolk County, New York	441	10.2	1.5	(7.3–13.1)
Westchester County, New York	298	10.4	2.1	(6.2–14.6)
Buncombe County, North Carolina	211	12.9	2.5	(8.1–17.7)
Cabarrus County, North Carolina	229	10.9	2.2	(6.5–15.3)
Catawba County, North Carolina	231	8.9	2.0	(5.1–12.7)
Durham County, North Carolina	439	7.0	1.3	(4.4–9.6)
Gaston County, North Carolina	207	9.0	2.2	(4.8–13.2)
Guilford County, North Carolina	533	10.7	1.5	(7.8–13.6)
Johnston County, North Carolina	186	13.1	2.7	(7.8–18.4)
Mecklenburg County, North Carolina	451	8.8	1.5	(5.9–11.7)
Orange County, North Carolina	212	8.4	2.0	(4.5–12.3)
Randolph County, North Carolina	316	14.0	2.2	(9.7–18.3)
Union County, North Carolina	252	9.9	2.3	(5.3–14.5)
Wake County, North Carolina	471	9.0	1.4	(6.2–11.8)
Burleigh County, North Dakota	421	9.4	1.4	(6.6–12.2)
Cass County, North Dakota	578	8.9	1.2	(6.5–11.3)
Ward County, North Dakota	341	10.0	1.9	(6.4–13.6)
Cuyahoga County, Ohio	556	9.8	1.5	(6.8–12.8)
Franklin County, Ohio	486	11.1	1.6	(8.0–14.2)
Hamilton County, Ohio	555	7.2	1.2	(4.9–9.5)
Lucas County, Ohio	551	14.3	1.6	(11.1–17.5)
Mahoning County, Ohio	600	11.0	1.5	(8.1–13.9)
Montgomery County, Ohio	559	10.6	1.7	(7.3–13.9)
Stark County, Ohio	567	11.0	1.4	(8.2–13.8)
Summit County, Ohio	567	11.3	1.5	(8.5–14.1)
Cleveland County, Oklahoma	300	9.0	1.7	(5.6–12.4)
Oklahoma County, Oklahoma	1,042	13.6	1.2	(11.3–15.9)
Tulsa County, Oklahoma	1,072	12.7	1.1	(10.5–14.9)
Clackamas County, Oregon	367	7.9	1.6	(4.9–10.9)
Lane County, Oregon	420	8.1	1.4	(5.4–10.8)
Multnomah County, Oregon	625	11.4	1.4	(8.6–14.2)
Washington County, Oregon	428	7.3	1.3	(4.7–9.9)
Allegheny County, Pennsylvania	1,091	10.5	1.1	(8.4–12.6)
Lehigh County, Pennsylvania	199	12.5	2.7	(7.2–17.8)
Luzerne County, Pennsylvania	253	16.2	2.6	(11.1–21.3)
Montgomery County, Pennsylvania	258	4.9	1.4	(2.2–7.6)
Northampton County, Pennsylvania	196	5.8	1.7	(2.4–9.2)
Philadelphia County, Pennsylvania	1,042	12.4	1.2	(10.0–14.8)
Westmoreland County, Pennsylvania	267	12.8	2.3	(8.3–17.3)
Bristol County, Rhode Island	218	7.0	1.7	(3.7–10.3)
Kent County, Rhode Island	691	11.9	1.4	(9.1–14.7)
Newport County, Rhode Island	391	8.6	1.4	(5.8–11.4)
Providence County, Rhode Island	3,085	9.7	0.6	(8.5–10.9)
Washington County, Rhode Island	604	9.7	1.3	(7.2–12.2)
Aiken County, South Carolina	362	12.3	1.9	(8.5–16.1)
Beaufort County, South Carolina	572	10.3	1.4	(7.6–13.0)
Berkeley County, South Carolina	270	13.0	3.8	(5.6–20.4)
Charleston County, South Carolina	520	10.4	1.8	(6.8–14.0)
Greenville County, South Carolina	391	7.0	1.4	(4.3–9.7)
Horry County, South Carolina	442	13.7	1.8	(10.2–17.2)

See footnotes on page 236.

**TABLE 66. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they have coronary heart disease,\* by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	489	12.4	2.1	(8.2–16.6)
Minnehaha County, South Dakota	458	11.4	1.5	(8.4–14.4)
Pennington County, South Dakota	509	10.8	1.5	(7.9–13.7)
Davidson County, Tennessee	317	9.1	1.9	(5.5–12.7)
Hamilton County, Tennessee	307	12.1	2.2	(7.8–16.4)
Knox County, Tennessee	296	14.2	2.6	(9.1–19.3)
Shelby County, Tennessee	303	8.1	1.7	(4.7–11.5)
Sullivan County, Tennessee	386	14.7	2.4	(10.0–19.4)
Bexar County, Texas	706	11.9	1.4	(9.2–14.6)
Dallas County, Texas	291	17.6	2.8	(12.0–23.2)
El Paso County, Texas	607	11.4	1.4	(8.7–14.1)
Fort Bend County, Texas	648	8.3	1.2	(6.0–10.6)
Harris County, Texas	1,025	10.6	1.1	(8.4–12.8)
Hidalgo County, Texas	376	11.3	1.8	(7.7–14.9)
Lubbock County, Texas	579	13.0	1.5	(10.0–16.0)
Midland County, Texas	412	8.9	1.5	(6.0–11.8)
Potter County, Texas	246	13.2	2.3	(8.7–17.7)
Randall County, Texas	363	12.8	2.0	(9.0–16.6)
Smith County, Texas	526	13.5	1.7	(10.2–16.8)
Tarrant County, Texas	454	9.7	1.6	(6.6–12.8)
Travis County, Texas	530	6.1	1.7	(2.7–9.5)
Val Verde County, Texas	409	11.0	1.9	(7.4–14.6)
Webb County, Texas	532	10.2	1.4	(7.4–13.0)
Wichita County, Texas	537	15.3	1.8	(11.7–18.9)
Davis County, Utah	536	9.2	1.5	(6.4–12.0)
Salt Lake County, Utah	2,187	7.5	0.6	(6.3–8.7)
Summit County, Utah	327	6.2	1.3	(3.7–8.7)
Tooele County, Utah	317	11.5	2.4	(6.7–16.3)
Utah County, Utah	647	10.0	1.3	(7.4–12.6)
Weber County, Utah	550	10.6	1.5	(7.7–13.5)
Chittenden County, Vermont	1,094	7.5	0.8	(5.9–9.1)
Franklin County, Vermont	331	9.9	1.6	(6.8–13.0)
Orange County, Vermont	282	6.5	1.5	(3.5–9.5)
Rutland County, Vermont	528	11.6	1.6	(8.5–14.7)
Washington County, Vermont	535	7.6	1.2	(5.3–9.9)
Windsor County, Vermont	555	9.1	1.3	(6.6–11.6)
Benton County, Washington	286	9.5	1.7	(6.2–12.8)
Clark County, Washington	841	7.3	0.9	(5.6–9.0)
Franklin County, Washington	171	11.6	2.7	(6.3–16.9)
King County, Washington	2,295	7.3	0.6	(6.2–8.4)
Kitsap County, Washington	730	9.3	1.1	(7.2–11.4)
Pierce County, Washington	1,269	10.3	1.0	(8.4–12.2)
Snohomish County, Washington	1,226	7.1	0.8	(5.6–8.6)
Spokane County, Washington	925	8.1	1.0	(6.1–10.1)
Thurston County, Washington	566	8.6	1.2	(6.3–10.9)
Yakima County, Washington	558	8.8	1.2	(6.4–11.2)
Kanawha County, West Virginia	403	14.7	2.0	(10.8–18.6)
Milwaukee County, Wisconsin	889	9.9	1.6	(6.7–13.1)
Laramie County, Wyoming	711	13.5	1.4	(10.7–16.3)
Natrona County, Wyoming	599	11.9	1.4	(9.1–14.7)
Median		10.4		
Range		4.9–19.6		

**Abbreviations:** SE = standard error; CI = confidence interval.

\* Including heart attack, also known as myocardial infarction, and angina.

**TABLE 67. Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they had a stroke, by state/territory — Behavioral Risk Factor Surveillance System, United States, 2010**

State/Territory	Sample size	%	SE	(95% CI)
Alabama	5,909	6.7	0.4	(5.8–7.6)
Alaska	1,273	3.6	0.8	(2.1–5.1)
Arizona	4,626	4.6	0.4	(3.7–5.5)
Arkansas	3,271	5.3	0.4	(4.4–6.2)
California	12,632	4.2	0.2	(3.8–4.6)
Colorado	8,809	3.2	0.2	(2.8–3.6)
Connecticut	5,118	2.9	0.3	(2.4–3.4)
Delaware	3,232	4.5	0.4	(3.7–5.3)
District of Columbia	2,894	5.3	0.6	(4.2–6.4)
Florida	28,230	5.0	0.3	(4.4–5.6)
Georgia	4,344	5.0	0.4	(4.3–5.7)
Hawaii	5,012	4.4	0.4	(3.7–5.1)
Idaho	5,331	3.6	0.3	(3.1–4.1)
Illinois	3,901	4.4	0.4	(3.6–5.2)
Indiana	7,776	5.1	0.3	(4.5–5.7)
Iowa	4,707	4.5	0.3	(3.9–5.1)
Kansas	6,588	4.6	0.3	(4.1–5.1)
Kentucky	6,187	5.9	0.4	(5.1–6.7)
Louisiana	5,257	5.5	0.4	(4.8–6.2)
Maine	6,385	4.2	0.3	(3.7–4.7)
Maryland	6,799	4.5	0.3	(3.9–5.1)
Massachusetts	12,037	3.4	0.2	(3.0–3.8)
Michigan	7,040	4.8	0.3	(4.3–5.3)
Minnesota	6,572	3.2	0.3	(2.6–3.8)
Mississippi	6,317	6.8	0.4	(6.0–7.6)
Missouri	4,207	6.6	0.5	(5.6–7.6)
Montana	5,657	4.3	0.3	(3.6–5.0)
Nebraska	12,973	4.3	0.3	(3.7–4.9)
Nevada	2,928	5.6	0.6	(4.3–6.9)
New Hampshire	4,732	3.6	0.3	(3.0–4.2)
New Jersey	9,075	4.0	0.3	(3.4–4.6)
New Mexico	5,431	4.4	0.3	(3.7–5.1)
New York	6,743	3.6	0.2	(3.1–4.1)
North Carolina	9,064	5.5	0.3	(4.9–6.1)
North Dakota	3,589	4.2	0.4	(3.5–4.9)
Ohio	7,633	5.0	0.3	(4.4–5.6)
Oklahoma	5,866	7.1	0.4	(6.4–7.8)
Oregon	4,108	4.5	0.3	(3.8–5.2)
Pennsylvania	8,651	5.3	0.3	(4.7–5.9)
Rhode Island	5,021	4.2	0.3	(3.5–4.9)
South Carolina	7,392	6.1	0.4	(5.3–6.9)
South Dakota	5,122	3.7	0.3	(3.1–4.3)
Tennessee	4,539	5.8	0.4	(4.9–6.7)
Texas	13,335	5.0	0.3	(4.4–5.6)
Utah	6,650	4.0	0.3	(3.5–4.5)
Vermont	5,348	3.5	0.3	(3.0–4.0)
Virginia	4,106	4.5	0.4	(3.8–5.2)
Washington	15,325	3.9	0.2	(3.5–4.3)
West Virginia	3,362	5.6	0.4	(4.8–6.4)
Wisconsin	3,639	3.3	0.4	(2.6–4.0)
Wyoming	4,567	3.2	0.3	(2.7–3.7)
Guam	405	5.0	1.2	(2.6–7.4)
Puerto Rico	2,682	3.4	0.4	(2.7–4.1)
Virgin Islands	1,274	2.4	0.5	(1.5–3.3)
Median		4.5		
Range		2.4–7.1		

**Abbreviations:** SE = standard error; CI = confidence interval.

**TABLE 68. Estimated prevalence of adults aged ≥45 years who have ever been told by a health professional that they had a stroke, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Akron, Ohio	648	4.5	0.9	(2.7–6.3)
Albuquerque, New Mexico	1,689	3.9	0.5	(2.8–5.0)
Allentown-Bethlehem-Easton, Pennsylvania-New Jersey	837	4.6	0.9	(2.8–6.4)
Amarillo, Texas	637	3.1	0.7	(1.8–4.4)
Arcadia, Florida	429	5.4	1.2	(3.0–7.8)
Asheville, North Carolina	454	6.3	1.3	(3.8–8.8)
Atlanta-Sandy Springs-Marietta, Georgia	1,708	4.2	0.6	(3.0–5.4)
Atlantic City, New Jersey	699	4.9	1.2	(2.6–7.2)
Augusta-Richmond County, Georgia-South Carolina	668	6.0	1.0	(4.0–8.0)
Augusta-Waterville, Maine	522	4.9	1.0	(2.9–6.9)
Austin-Round Rock, Texas	685	4.2	1.4	(1.5–6.9)
Baltimore-Towson, Maryland	2,442	4.7	0.5	(3.7–5.7)
Bangor, Maine	529	4.2	0.9	(2.5–5.9)
Barre, Vermont	535	3.5	0.9	(1.8–5.2)
Baton Rouge, Louisiana	852	4.2	0.8	(2.7–5.7)
Bethesda-Gaithersburg-Frederick, Maryland*	1,207	4.3	0.8	(2.7–5.9)
Billings, Montana	432	5.6	1.1	(3.4–7.8)
Birmingham-Hoover, Alabama	898	6.0	0.9	(4.3–7.7)
Bismarck, North Dakota	579	4.7	0.9	(3.0–6.4)
Boise City-Nampa, Idaho	1,236	3.2	0.5	(2.3–4.1)
Boston-Quincy, Massachusetts*	2,403	3.7	0.5	(2.8–4.6)
Bremerton-Silverdale, Washington	733	3.7	0.7	(2.3–5.1)
Bridgeport-Stamford-Norwalk, Connecticut	1,618	2.4	0.5	(1.5–3.3)
Buffalo-Cheektowaga-Tonawanda, New York	501	3.4	0.8	(1.9–4.9)
Burlington-South Burlington, Vermont	1,493	3.6	0.5	(2.6–4.6)
Cambridge-Newton-Framingham, Massachusetts*	2,130	3.0	0.6	(1.9–4.1)
Camden, New Jersey*	1,261	4.0	0.6	(2.8–5.2)
Canton-Massillon, Ohio	594	3.5	0.7	(2.0–5.0)
Cape Coral-Fort Myers, Florida	433	5.3	1.2	(2.9–7.7)
Casper, Wyoming	599	5.4	1.0	(3.4–7.4)
Cedar Rapids, Iowa	430	3.6	0.9	(1.9–5.3)
Charleston, West Virginia	606	6.3	1.0	(4.3–8.3)
Charleston-North Charleston, South Carolina	889	6.2	1.2	(3.9–8.5)
Charlotte-Gastonia-Concord, North Carolina-South Carolina	1,286	4.6	0.8	(3.1–6.1)
Chattanooga, Tennessee-Georgia	423	6.0	1.6	(2.9–9.1)
Cheyenne, Wyoming	714	3.3	0.6	(2.1–4.5)
Chicago-Naperville-Joliet, Illinois-Indiana-Wisconsin	3,700	4.4	0.4	(3.5–5.3)
Cincinnati-Middletown, Ohio-Kentucky-Indiana	1,384	4.1	0.7	(2.7–5.5)
Cleveland-Elyria-Mentor, Ohio	879	4.7	0.8	(3.2–6.2)
Coeur d'Alene, Idaho	477	3.4	0.7	(2.0–4.8)
Colorado Springs, Colorado	854	3.1	0.7	(1.8–4.4)
Columbia, South Carolina	857	6.6	1.2	(4.2–9.0)
Columbus, Ohio	998	3.7	0.6	(2.4–5.0)
Concord, New Hampshire	516	3.7	0.8	(2.0–5.4)
Dallas-Plano-Irving, Texas*	515	3.5	0.8	(1.9–5.1)
Dayton, Ohio	684	7.7	1.6	(4.6–10.8)
Del Rio, Texas	413	4.5	1.2	(2.2–6.8)
Deltona-Daytona Beach-Ormond Beach, Florida	733	5.6	1.0	(3.7–7.5)
Denver-Aurora, Colorado	3,541	3.2	0.4	(2.5–3.9)
Des Moines-West Des Moines, Iowa	740	4.7	0.8	(3.1–6.3)
Detroit-Livonia-Dearborn, Michigan*	1,545	5.5	0.6	(4.3–6.7)
Dover, Delaware	912	5.5	0.8	(3.9–7.1)
Durham, North Carolina	739	5.2	1.3	(2.7–7.7)
Edison, New Jersey*	1,680	3.4	0.6	(2.3–4.5)
El Paso, Texas	609	4.6	1.1	(2.4–6.8)
Eugene-Springfield, Oregon	425	3.0	0.7	(1.6–4.4)
Evansville, Indiana-Kentucky	420	4.3	1.0	(2.3–6.3)
Fargo, North Dakota-Minnesota	624	2.5	0.7	(1.2–3.8)
Farmington, New Mexico	515	3.9	0.9	(2.1–5.7)
Fayetteville-Springdale-Rogers, Arkansas-Missouri	536	3.7	0.9	(1.9–5.5)
Fort Collins-Loveland, Colorado	444	3.1	0.8	(1.5–4.7)
Fort Wayne, Indiana	538	4.7	1.0	(2.7–6.7)
Fort Worth-Arlington, Texas*	574	4.9	1.0	(2.9–6.9)

See footnotes on page 241.

**TABLE 68. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they had a stroke, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Gainesville, Florida	745	4.8	1.2	(2.4–7.2)
Grand Island, Nebraska	689	6.4	1.1	(4.3–8.5)
Grand Rapids-Wyoming, Michigan	478	3.3	0.7	(1.9–4.7)
Greensboro-High Point, North Carolina	917	5.2	0.8	(3.6–6.8)
Greenville, South Carolina	622	4.9	1.0	(2.9–6.9)
Hagerstown-Martinsburg, Maryland-West Virginia	484	4.1	1.0	(2.1–6.1)
Hartford-West Hartford-East Hartford, Connecticut	1,563	2.4	0.4	(1.6–3.2)
Hastings, Nebraska	471	2.6	0.7	(1.2–4.0)
Helena, Montana	523	2.6	0.6	(1.5–3.7)
Hickory-Morganton-Lenoir, North Carolina	456	5.7	1.2	(3.3–8.1)
Hilo, Hawaii	1,127	4.0	0.7	(2.7–5.3)
Hilton Head Island-Beaufort, South Carolina	672	3.3	0.7	(1.9–4.7)
Homosassa Springs, Florida	472	7.7	1.5	(4.7–10.7)
Honolulu, Hawaii	2,230	4.1	0.4	(3.2–5.0)
Houston-Sugar Land-Baytown, Texas	1,950	4.9	0.6	(3.7–6.1)
Huntington-Ashland, West Virginia-Kentucky-Ohio	504	8.7	1.5	(5.7–11.7)
Idaho Falls, Idaho	471	2.6	0.7	(1.2–4.0)
Indianapolis-Carmel, Indiana	1,686	5.4	0.7	(4.1–6.7)
Jackson, Mississippi	570	5.6	1.2	(3.3–7.9)
Jacksonville, Florida	1,983	4.5	0.7	(3.1–5.9)
Kahului-Wailuku, Hawaii	1,135	4.6	0.8	(3.0–6.2)
Kalispell, Montana	533	3.0	0.8	(1.5–4.5)
Kansas City, Missouri-Kansas	2,541	4.2	0.5	(3.2–5.2)
Kapaa, Hawaii	520	5.8	1.4	(3.0–8.6)
Kennewick-Richland-Pasco, Washington	465	3.2	0.8	(1.6–4.8)
Key West-Marathon, Florida	438	4.3	1.0	(2.4–6.2)
Kingsport-Bristol, Tennessee-Virginia	554	5.2	1.3	(2.7–7.7)
Knoxville, Tennessee	424	6.1	1.4	(3.4–8.8)
Lake City, Florida	421	7.2	1.5	(4.2–10.2)
Lakeland-Winter Haven, Florida	428	8.8	1.7	(5.4–12.2)
Laredo, Texas	539	2.9	0.7	(1.5–4.3)
Las Cruces, New Mexico	399	4.4	1.0	(2.5–6.3)
Las Vegas-Paradise, Nevada	911	6.3	0.9	(4.5–8.1)
Lebanon, New Hampshire-Vermont	1,246	3.0	0.5	(2.0–4.0)
Lewiston, Idaho-Washington	500	4.1	0.8	(2.5–5.7)
Lewiston-Auburn, Maine	375	6.1	1.3	(3.5–8.7)
Lincoln, Nebraska	875	3.2	0.6	(1.9–4.5)
Little Rock-North Little Rock, Arkansas	671	4.4	0.9	(2.7–6.1)
Los Angeles-Long Beach-Glendale, California*	1,739	3.4	0.5	(2.4–4.4)
Louisville, Kentucky-Indiana	704	4.4	0.9	(2.7–6.1)
Lubbock, Texas	599	5.6	1.0	(3.6–7.6)
Manchester-Nashua, New Hampshire	1,076	3.5	0.6	(2.4–4.6)
McAllen-Edinburg-Mission, Texas	380	4.0	1.1	(1.8–6.2)
Memphis, Tennessee-Mississippi-Arkansas	892	8.0	1.4	(5.3–10.7)
Miami-Fort Lauderdale-Miami Beach, Florida	817	5.5	1.5	(2.6–8.4)
Midland, Texas	417	4.1	1.0	(2.2–6.0)
Milwaukee-Waukesha-West Allis, Wisconsin	1,123	3.8	0.9	(2.1–5.5)
Minneapolis-St. Paul-Bloomington, Minnesota-Wisconsin	3,440	3.2	0.5	(2.3–4.1)
Minot, North Dakota	406	4.4	1.3	(1.9–6.9)
Mobile, Alabama	528	7.3	1.3	(4.8–9.8)
Myrtle Beach-Conway-North Myrtle Beach, South Carolina	449	5.6	1.2	(3.2–8.0)
Naples-Marco Island, Florida	468	5.0	1.2	(2.6–7.4)
Nashville-Davidson-Murfreesboro, Tennessee	615	3.2	0.7	(1.7–4.7)
Nassau-Suffolk, New York*	801	3.4	0.6	(2.2–4.6)
Newark-Union, New Jersey-Pennsylvania*	2,433	4.3	0.5	(3.2–5.4)
New Haven-Milford, Connecticut	1,253	3.6	0.6	(2.4–4.8)
New Orleans-Metairie-Kenner, Louisiana	1,170	6.1	0.8	(4.5–7.7)
New York-White Plains-Wayne, New York-New Jersey*	4,326	3.5	0.3	(2.9–4.1)
Norfolk, Nebraska	548	4.7	0.9	(2.9–6.5)
North Platte, Nebraska	481	6.9	1.6	(3.7–10.1)
North Port-Bradenton-Sarasota, Florida	980	5.8	0.8	(4.4–7.7)
Ocala, Florida	492	4.6	1.0	(2.6–6.6)
Ocean City, New Jersey	425	3.3	0.8	(1.6–5.0)

See footnotes on page 241.

**TABLE 68. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they had a stroke, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Ogden-Clearfield, Utah	1,122	4.4	0.6	(3.2–5.6)
Oklahoma City, Oklahoma	1,802	6.0	0.6	(4.9–7.1)
Olympia, Washington	570	3.6	0.7	(2.2–5.0)
Omaha-Council Bluffs, Nebraska-Iowa	1,676	4.4	0.6	(3.2–5.6)
Orlando-Kissimmee, Florida	2,007	4.8	0.6	(3.7–5.9)
Palm Bay-Melbourne-Titusville, Florida	440	7.5	1.6	(4.3–10.7)
Panama City-Lynn Haven, Florida	417	3.5	0.9	(1.8–5.2)
Peabody, Massachusetts	1,520	3.5	0.7	(2.3–5.2)
Pensacola-Ferry Pass-Brent, Florida	790	5.2	0.9	(3.4–7.0)
Philadelphia, Pennsylvania*	1,775	4.9	0.9	(3.2–6.6)
Phoenix-Mesa-Scottsdale, Arizona	1,324	4.7	0.6	(3.5–5.9)
Pittsburgh, Pennsylvania	1,938	5.2	0.6	(4.1–6.3)
Portland-South Portland-Biddeford, Maine	2,058	3.3	0.4	(2.5–4.1)
Portland-Vancouver-Beaverton, Oregon-Washington	2,667	4.1	0.4	(3.3–4.9)
Port St. Lucie-Fort Pierce, Florida	879	6.1	1.0	(4.2–8.0)
Providence-New Bedford-Fall River, Rhode Island-Massachusetts	7,243	3.8	0.3	(3.3–4.3)
Provo-Orem, Utah	693	4.5	0.9	(2.8–6.2)
Raleigh-Cary, North Carolina	691	4.0	0.8	(2.5–5.5)
Rapid City, South Dakota	644	3.0	0.7	(1.7–4.3)
Reno-Sparks, Nevada	975	2.7	0.4	(1.8–3.6)
Richmond, Virginia	615	4.9	1.0	(3.0–6.8)
Riverside-San Bernardino-Ontario, California	1,289	4.1	0.6	(3.0–5.2)
Rochester, New York	463	3.3	0.9	(1.6–5.0)
Rockingham County-Strafford County, New Hampshire*	1,226	3.7	0.6	(2.6–4.8)
Rutland, Vermont	526	2.3	0.7	(1.0–3.6)
Sacramento-Arden-Arcade-Roseville, California	983	4.9	0.8	(3.3–6.5)
St. Louis, Missouri-Illinois	1,296	5.4	0.9	(3.6–7.2)
Salt Lake City, Utah	2,846	3.7	0.4	(2.9–4.5)
San Antonio, Texas	837	4.4	0.7	(3.0–5.8)
San Diego-Carlsbad-San Marcos, California	1,204	4.9	0.7	(3.5–6.3)
San Francisco-Oakland-Fremont, California	1,724	3.7	0.6	(2.6–4.8)
San Jose-Sunnyvale-Santa Clara, California	624	5.2	1.3	(2.7–7.7)
Santa Ana-Anaheim-Irvine, California*	1,052	4.9	0.8	(3.3–6.5)
Santa Fe, New Mexico	503	3.2	1.0	(1.3–5.1)
Scottsbluff, Nebraska	649	4.1	0.9	(2.4–5.8)
Scranton-Wilkes-Barre, Pennsylvania	446	5.3	1.1	(3.1–7.5)
Seaford, Delaware	1,043	5.5	0.8	(4.0–7.0)
Seattle-Bellevue-Everett, Washington*	3,563	3.3	0.3	(2.6–4.0)
Sebring, Florida	463	5.4	1.0	(3.4–7.4)
Shreveport-Bossier City, Louisiana	518	6.4	1.2	(4.1–8.7)
Sioux City, Iowa-Nebraska-South Dakota	898	2.7	0.7	(1.3–4.1)
Sioux Falls, South Dakota	628	3.2	0.7	(1.9–4.5)
Spokane, Washington	935	4.1	0.8	(2.6–5.6)
Springfield, Massachusetts	1,571	3.7	0.6	(2.5–4.9)
Tacoma, Washington*	1,285	4.4	0.7	(3.1–5.7)
Tallahassee, Florida	1,571	5.1	0.9	(3.4–6.8)
Tampa-St. Petersburg-Clearwater, Florida	1,695	5.8	0.8	(4.3–7.3)
Toledo, Ohio	663	5.8	1.1	(3.7–7.9)
Topeka, Kansas	648	4.0	0.7	(2.6–5.4)
Trenton-Ewing, New Jersey	366	3.6	1.3	(1.1–6.1)
Tucson, Arizona	589	6.4	1.2	(4.1–8.7)
Tulsa, Oklahoma	1,587	6.8	0.7	(5.4–8.2)
Tuscaloosa, Alabama	380	6.5	1.3	(3.9–9.1)
Twin Falls, Idaho	430	5.3	1.2	(2.9–7.7)
Tyler, Texas	533	6.4	1.2	(4.1–8.7)
Virginia Beach-Norfolk-Newport News, Virginia-North Carolina	816	6.5	1.0	(4.5–8.5)
Warren-Troy-Farmington Hills, Michigan*	1,452	3.2	0.5	(2.3–4.1)
Washington-Arlington-Alexandria, District of Columbia-Virginia-Maryland-West Virginia*	4,609	3.0	0.4	(2.1–3.9)
Wauchula, Florida	413	5.5	1.3	(3.0–8.0)
West Palm Beach-Boca Raton-Boynton Beach, Florida*	475	2.6	0.7	(1.3–3.9)
Wichita, Kansas	1,417	5.2	0.6	(4.0–6.4)
Wichita Falls, Texas	670	6.8	1.4	(4.0–9.6)
Wilmington, Delaware-Maryland-New Jersey*	1,615	4.4	0.6	(3.3–5.5)

See footnotes on page 241.



**TABLE 68. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they had a stroke, by metropolitan and micropolitan statistical area (MMSA) — Behavioral Risk Factor Surveillance System, United States, 2010**

MMSA	Sample size	%	SE	(95% CI)
Worcester, Massachusetts	1,531	3.2	0.6	(2.0–4.4)
Yakima, Washington	568	4.7	1.2	(2.4–7.0)
Youngstown-Warren-Boardman, Ohio-Pennsylvania	878	5.1	1.2	(2.8–7.4)
Median		4.4		
Range		2.3–8.8		

**Abbreviations:** SE = standard error; CI = confidence interval.

\*Metropolitan division.

**TABLE 69. Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Jefferson County, Alabama	453	6.2	1.2	(3.9–8.5)
Mobile County, Alabama	528	7.3	1.3	(4.8–9.8)
Tuscaloosa County, Alabama	312	6.5	1.5	(3.6–9.4)
Maricopa County, Arizona	1,007	4.7	0.7	(3.4–6.0)
Pima County, Arizona	589	6.4	1.2	(4.1–8.7)
Pinal County, Arizona	317	4.8	1.1	(2.6–7.0)
Benton County, Arkansas	277	1.7	0.6	(0.5–2.9)
Pulaski County, Arkansas	459	4.7	1.1	(2.6–6.8)
Washington County, Arkansas	231	7.1	2.4	(2.3–11.9)
Alameda County, California	522	2.6	0.8	(1.1–4.1)
Contra Costa County, California	496	3.8	1.1	(1.7–5.9)
Los Angeles County, California	1,739	3.4	0.5	(2.4–4.4)
Orange County, California	1,052	4.9	0.8	(3.3–6.5)
Placer County, California	204	4.1	1.3	(1.5–6.7)
Riverside County, California	632	4.6	0.9	(2.9–6.3)
Sacramento County, California	556	5.8	1.2	(3.5–8.1)
San Bernardino County, California	657	3.5	0.7	(2.1–4.9)
San Diego County, California	1,204	4.9	0.7	(3.5–6.3)
San Francisco County, California	269	2.4	1.0	(0.5–4.3)
San Mateo County, California	277	5.7	1.8	(2.2–9.2)
Santa Clara County, California	594	4.7	1.2	(2.3–7.1)
Adams County, Colorado	563	3.3	1.0	(1.4–5.2)
Arapahoe County, Colorado	638	2.9	0.7	(1.5–4.3)
Denver County, Colorado	647	5.5	1.1	(3.3–7.7)
Douglas County, Colorado	371	2.2	0.8	(0.6–3.8)
El Paso County, Colorado	749	3.1	0.7	(1.7–4.5)
Jefferson County, Colorado	919	2.3	0.6	(1.2–3.4)
Larimer County, Colorado	444	3.1	0.8	(1.5–4.7)
Fairfield County, Connecticut	1,618	2.4	0.5	(1.5–3.3)
Hartford County, Connecticut	1,172	2.7	0.5	(1.7–3.7)
Middlesex County, Connecticut	198	2.5	1.1	(0.4–4.6)
New Haven County, Connecticut	1,253	3.6	0.6	(2.4–4.8)
Tolland County, Connecticut	193	NA*	NA	NA
Kent County, Delaware	912	5.5	0.8	(3.9–7.1)
New Castle County, Delaware	1,277	3.7	0.5	(2.6–4.8)
Sussex County, Delaware	1,043	5.5	0.8	(4.0–7.0)
District of Columbia, District of Columbia	2,894	5.9	0.6	(4.8–7.0)
Alachua County, Florida	408	4.8	1.3	(2.2–7.4)
Baker County, Florida	380	5.1	1.3	(2.6–7.6)
Bay County, Florida	417	3.5	0.9	(1.8–5.2)
Brevard County, Florida	440	7.5	1.6	(4.3–10.7)
Broward County, Florida	428	5.4	1.7	(2.0–8.8)
Citrus County, Florida	472	7.7	1.5	(4.7–10.7)
Clay County, Florida	358	3.0	0.9	(1.2–4.8)
Collier County, Florida	468	5.0	1.2	(2.6–7.4)
Columbia County, Florida	421	7.2	1.5	(4.2–10.2)
DeSoto County, Florida	429	5.4	1.2	(3.0–7.8)
Duval County, Florida	412	5.1	1.2	(2.8–7.4)
Escambia County, Florida	415	5.0	1.3	(2.5–7.5)
Gadsden County, Florida	407	4.8	1.1	(2.6–7.0)
Gilchrist County, Florida	337	5.2	1.5	(2.3–8.1)
Hardee County, Florida	413	5.5	1.3	(3.0–8.0)
Hernando County, Florida	421	5.5	1.2	(3.1–7.9)
Highlands County, Florida	463	5.4	1.0	(3.4–7.4)
Hillsborough County, Florida	395	6.2	1.5	(3.3–9.1)
Jefferson County, Florida	413	6.4	1.3	(3.8–9.0)
Lake County, Florida	502	5.3	1.0	(3.3–7.3)
Lee County, Florida	433	5.3	1.2	(2.9–7.7)
Leon County, Florida	369	5.5	1.4	(2.8–8.2)
Manatee County, Florida	446	5.0	1.1	(2.8–7.2)
Marion County, Florida	492	4.6	1.0	(2.6–6.6)
Martin County, Florida	467	4.7	1.1	(2.5–6.9)
Miami-Dade County, Florida	389	4.2	1.3	(1.7–6.7)

See footnotes on page 246.

**TABLE 69. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Monroe County, Florida	438	4.3	1.0	(2.4–6.2)
Nassau County, Florida	410	3.7	0.8	(2.1–5.3)
Orange County, Florida	702	5.7	1.2	(3.4–8.0)
Osceola County, Florida	433	8.0	1.9	(4.3–11.7)
Palm Beach County, Florida	475	2.6	0.7	(1.3–3.9)
Pasco County, Florida	455	5.7	1.1	(3.6–7.8)
Pinellas County, Florida	424	5.5	1.3	(2.9–8.1)
Polk County, Florida	428	8.8	1.7	(5.4–12.2)
St. Johns County, Florida	423	4.7	1.1	(2.6–6.8)
St. Lucie County, Florida	412	6.4	1.3	(3.8–9.0)
Santa Rosa County, Florida	375	5.5	1.2	(3.2–7.8)
Sarasota County, Florida	543	6.3	1.1	(4.1–8.5)
Seminole County, Florida	370	1.9	0.7	(0.5–3.3)
Volusia County, Florida	733	5.6	1.0	(3.7–7.5)
Wakulla County, Florida	382	4.2	1.1	(2.1–6.3)
Cobb County, Georgia	192	NA	NA	NA
DeKalb County, Georgia	262	5.9	1.8	(2.3–9.5)
Fulton County, Georgia	243	3.4	1.3	(0.9–5.9)
Gwinnett County, Georgia	174	2.5	1.2	(0.2–4.8)
Hawaii County, Hawaii	1,127	4.0	0.7	(2.7–5.3)
Honolulu County, Hawaii	2,230	4.1	0.4	(3.2–5.0)
Kauai County, Hawaii	520	5.8	1.4	(3.0–8.6)
Maui County, Hawaii	1,135	4.6	0.8	(3.0–6.2)
Ada County, Idaho	649	3.0	0.7	(1.7–4.3)
Bonneville County, Idaho	366	2.1	0.7	(0.8–3.4)
Canyon County, Idaho	448	4.3	0.9	(2.5–6.1)
Kootenai County, Idaho	477	3.4	0.7	(2.0–4.8)
Nez Perce County, Idaho	309	1.9	0.7	(0.5–3.3)
Twin Falls County, Idaho	342	6.0	1.5	(3.1–8.9)
Cook County, Illinois	2,117	5.0	0.5	(3.9–6.1)
DuPage County, Illinois	177	NA	NA	NA
Allen County, Indiana	439	5.4	1.2	(3.1–7.7)
Lake County, Indiana	763	6.5	1.3	(4.0–9.0)
Marion County, Indiana	1,125	6.3	1.1	(4.2–8.4)
Linn County, Iowa	376	3.8	0.9	(2.0–5.6)
Polk County, Iowa	572	4.5	0.9	(2.8–6.2)
Johnson County, Kansas	1,031	2.2	0.5	(1.3–3.1)
Sedgwick County, Kansas	1,098	5.6	0.7	(4.2–7.0)
Shawnee County, Kansas	492	4.3	0.9	(2.6–6.0)
Wyandotte County, Kansas	465	5.8	1.3	(3.3–8.3)
Jefferson County, Kentucky	320	5.4	1.4	(2.7–8.1)
Caddo Parish, Louisiana	342	5.6	1.5	(2.8–8.4)
East Baton Rouge Parish, Louisiana	521	3.3	1.0	(1.3–5.3)
Jefferson Parish, Louisiana	470	5.9	1.3	(3.4–8.4)
Orleans Parish, Louisiana	286	6.1	1.5	(3.1–9.1)
St. Tammany Parish, Louisiana	283	5.6	1.4	(2.8–8.4)
Androscoggin County, Maine	375	6.1	1.3	(3.5–8.7)
Cumberland County, Maine	1,105	2.0	0.4	(1.2–2.8)
Kennebec County, Maine	522	4.9	1.0	(2.9–6.9)
Penobscot County, Maine	529	4.2	0.9	(2.5–5.9)
Sagadahoc County, Maine	234	5.4	1.5	(2.5–8.3)
York County, Maine	719	5.0	0.9	(3.3–6.7)
Anne Arundel County, Maryland	431	3.5	0.9	(1.8–5.2)
Baltimore County, Maryland	775	4.7	0.9	(3.0–6.4)
Cecil County, Maryland	198	3.7	1.4	(1.0–6.4)
Charles County, Maryland	233	8.1	2.5	(3.2–13.0)
Frederick County, Maryland	422	3.3	0.8	(1.7–4.9)
Harford County, Maryland	207	4.1	1.5	(1.2–7.0)
Howard County, Maryland	233	3.6	1.3	(1.0–6.2)
Montgomery County, Maryland	785	4.4	1.0	(2.5–6.3)
Prince George's County, Maryland	542	3.5	1.0	(1.6–5.4)
Queen Anne's County, Maryland	223	1.7	0.8	(0.1–3.3)
Washington County, Maryland	311	5.1	1.5	(2.1–8.1)

See footnotes on page 246.

**TABLE 69. (Continued) Estimated prevalence of adults aged ≥45 years who have ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Baltimore city, Maryland	403	5.9	1.3	(3.3–8.5)
Bristol County, Massachusetts	2,222	3.1	0.5	(2.1–4.1)
Essex County, Massachusetts	1,557	3.5	0.7	(2.1–4.9)
Hampden County, Massachusetts	1,216	4.5	0.8	(2.9–6.1)
Hampshire County, Massachusetts	214	2.1	1.0	(0.2–4.0)
Middlesex County, Massachusetts	2,130	2.7	0.5	(1.8–3.6)
Norfolk County, Massachusetts	652	3.0	0.7	(1.6–4.4)
Plymouth County, Massachusetts	508	3.1	0.7	(1.6–4.6)
Suffolk County, Massachusetts	1,243	4.7	0.8	(3.1–6.3)
Worcester County, Massachusetts	1,531	3.2	0.6	(2.0–4.4)
Kent County, Michigan	345	2.9	0.8	(1.4–4.4)
Macomb County, Michigan	406	4.0	1.0	(2.1–5.9)
Oakland County, Michigan	770	2.2	0.5	(1.2–3.2)
Wayne County, Michigan	1,545	5.5	0.6	(4.3–6.7)
Anoka County, Minnesota	263	5.2	1.5	(2.2–8.2)
Dakota County, Minnesota	397	2.7	1.2	(0.3–5.1)
Hennepin County, Minnesota	1,476	3.2	0.7	(1.9–4.5)
Ramsey County, Minnesota	695	3.9	1.2	(1.5–6.3)
Washington County, Minnesota	170	NA	NA	NA
DeSoto County, Mississippi	296	5.0	1.4	(2.3–7.7)
Hinds County, Mississippi	247	6.6	2.1	(2.5–10.7)
Jackson County, Missouri	404	3.8	1.0	(1.9–5.7)
St. Louis County, Missouri	463	4.9	1.2	(2.5–7.3)
St. Louis city, Missouri	466	4.6	0.9	(2.8–6.4)
Flathead County, Montana	533	3.0	0.8	(1.5–4.5)
Lewis and Clark County, Montana	431	2.9	0.7	(1.6–4.2)
Yellowstone County, Montana	389	6.0	1.2	(3.6–8.4)
Adams County, Nebraska	385	2.6	0.8	(1.1–4.1)
Dakota County, Nebraska	547	4.8	1.0	(2.8–6.8)
Douglas County, Nebraska	691	5.0	0.9	(3.2–6.8)
Hall County, Nebraska	471	6.8	1.3	(4.2–9.4)
Lancaster County, Nebraska	646	3.0	0.7	(1.7–4.3)
Lincoln County, Nebraska	458	7.2	1.7	(3.9–10.5)
Madison County, Nebraska	382	4.7	1.1	(2.6–6.8)
Sarpy County, Nebraska	400	2.4	0.7	(1.0–3.8)
Scotts Bluff County, Nebraska	628	4.3	0.9	(2.6–6.0)
Seward County, Nebraska	229	5.0	1.4	(2.3–7.7)
Clark County, Nevada	911	6.3	0.9	(4.5–8.1)
Washoe County, Nevada	959	2.7	0.5	(1.8–3.6)
Grafton County, New Hampshire	409	2.6	0.8	(1.0–4.2)
Hillsborough County, New Hampshire	1,076	3.5	0.6	(2.4–4.6)
Merrimack County, New Hampshire	516	3.7	0.8	(2.0–5.4)
Rockingham County, New Hampshire	786	3.4	0.7	(2.0–4.8)
Strafford County, New Hampshire	440	4.4	1.0	(2.4–6.4)
Atlantic County, New Jersey	699	4.9	1.2	(2.6–7.2)
Bergen County, New Jersey	467	4.1	1.2	(1.7–6.5)
Burlington County, New Jersey	434	3.7	0.9	(1.9–5.5)
Camden County, New Jersey	448	3.8	0.9	(2.0–5.6)
Cape May County, New Jersey	425	3.3	0.8	(1.6–5.0)
Essex County, New Jersey	713	5.9	1.1	(3.8–8.0)
Gloucester County, New Jersey	379	4.1	1.2	(1.8–6.4)
Hudson County, New Jersey	673	4.3	0.8	(2.7–5.9)
Hunterdon County, New Jersey	397	1.8	0.6	(0.6–3.0)
Mercer County, New Jersey	366	3.6	1.3	(1.1–6.1)
Middlesex County, New Jersey	441	2.5	0.7	(1.1–3.9)
Monmouth County, New Jersey	431	2.6	1.1	(0.5–4.7)
Morris County, New Jersey	527	2.8	0.8	(1.2–4.4)
Ocean County, New Jersey	424	5.1	1.2	(2.7–7.5)
Passaic County, New Jersey	342	2.7	1.0	(0.8–4.6)
Somerset County, New Jersey	384	2.0	0.8	(0.4–3.6)
Sussex County, New Jersey	368	2.0	0.6	(0.7–3.3)
Union County, New Jersey	380	5.0	1.3	(2.5–7.5)
Warren County, New Jersey	382	4.2	1.1	(2.1–6.3)

See footnotes on page 246.

**TABLE 69. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Bernalillo County, New Mexico	961	4.1	0.7	(2.7–5.5)
Dona Ana County, New Mexico	399	4.4	1.0	(2.5–6.3)
Sandoval County, New Mexico	406	3.0	0.9	(1.3–4.7)
San Juan County, New Mexico	515	3.9	0.9	(2.1–5.7)
Santa Fe County, New Mexico	503	3.2	1.0	(1.3–5.1)
Valencia County, New Mexico	280	4.0	1.3	(1.5–6.5)
Bronx County, New York	282	5.4	1.3	(2.9–7.9)
Erie County, New York	398	3.0	0.8	(1.5–4.5)
Kings County, New York	606	3.9	0.8	(2.4–5.4)
Monroe County, New York	308	3.5	1.1	(1.3–5.7)
Nassau County, New York	354	5.2	1.2	(2.8–7.6)
New York County, New York	800	3.1	0.8	(1.6–4.6)
Queens County, New York	567	3.2	0.8	(1.6–4.8)
Suffolk County, New York	447	2.1	0.6	(0.8–3.4)
Westchester County, New York	299	2.9	1.2	(0.5–5.3)
Buncombe County, North Carolina	212	8.8	2.4	(4.1–13.5)
Cabarrus County, North Carolina	232	6.0	1.5	(3.1–8.9)
Catawba County, North Carolina	230	1.7	0.7	(0.3–3.1)
Durham County, North Carolina	439	4.1	1.0	(2.2–6.0)
Gaston County, North Carolina	210	3.3	1.3	(0.7–5.9)
Guilford County, North Carolina	536	4.5	0.9	(2.7–6.3)
Johnston County, North Carolina	189	7.3	2.1	(3.1–11.5)
Mecklenburg County, North Carolina	452	4.0	1.1	(1.9–6.1)
Orange County, North Carolina	212	2.1	0.8	(0.4–3.8)
Randolph County, North Carolina	319	5.8	1.4	(3.1–8.5)
Union County, North Carolina	255	4.1	2.1	(0.1–8.1)
Wake County, North Carolina	474	3.2	0.7	(1.7–4.7)
Burleigh County, North Dakota	424	4.7	1.0	(2.8–6.6)
Cass County, North Dakota	581	3.1	0.7	(1.7–4.5)
Ward County, North Dakota	338	4.8	1.5	(1.9–7.7)
Cuyahoga County, Ohio	564	4.9	1.0	(3.0–6.8)
Franklin County, Ohio	487	4.2	0.9	(2.4–6.0)
Hamilton County, Ohio	560	3.0	0.7	(1.7–4.3)
Lucas County, Ohio	554	6.0	1.1	(3.9–8.1)
Mahoning County, Ohio	613	4.4	0.8	(2.7–6.1)
Montgomery County, Ohio	570	5.8	1.1	(3.7–7.9)
Stark County, Ohio	571	3.3	0.7	(1.9–4.7)
Summit County, Ohio	574	3.9	0.8	(2.2–5.6)
Cleveland County, Oklahoma	304	3.9	1.0	(2.0–5.8)
Oklahoma County, Oklahoma	1,056	5.7	0.8	(4.2–7.2)
Tulsa County, Oklahoma	1,088	7.2	0.9	(5.5–8.9)
Clackamas County, Oregon	370	3.6	0.9	(1.8–5.4)
Lane County, Oregon	425	3.0	0.7	(1.6–4.4)
Multnomah County, Oregon	631	5.7	1.0	(3.8–7.6)
Washington County, Oregon	430	3.4	0.8	(1.8–5.0)
Allegheny County, Pennsylvania	1,101	4.5	0.7	(3.1–5.9)
Lehigh County, Pennsylvania	204	6.4	2.2	(2.2–10.6)
Luzerne County, Pennsylvania	253	7.4	1.8	(3.9–10.9)
Montgomery County, Pennsylvania	260	3.2	1.3	(0.7–5.7)
Northampton County, Pennsylvania	200	3.6	1.3	(1.1–6.1)
Philadelphia County, Pennsylvania	1,056	6.6	0.9	(4.9–8.3)
Westmoreland County, Pennsylvania	268	4.6	1.4	(1.9–7.3)
Bristol County, Rhode Island	219	5.6	1.8	(2.1–9.1)
Kent County, Rhode Island	695	5.6	0.9	(3.8–7.4)
Newport County, Rhode Island	394	3.3	0.9	(1.6–5.0)
Providence County, Rhode Island	3,107	3.5	0.4	(2.7–4.3)
Washington County, Rhode Island	606	3.5	0.8	(1.9–5.1)
Aiken County, South Carolina	372	5.5	1.3	(3.0–8.0)
Beaufort County, South Carolina	577	3.2	0.8	(1.7–4.7)
Berkeley County, South Carolina	276	5.9	2.5	(1.0–10.8)
Charleston County, South Carolina	528	7.0	1.6	(3.9–10.1)
Greenville County, South Carolina	400	3.3	0.9	(1.5–5.1)
Horry County, South Carolina	449	5.6	1.2	(3.2–8.0)

See footnotes on page 246.

**TABLE 69. (Continued) Estimated prevalence of adults aged  $\geq 45$  years who have ever been told by a health professional that they had a stroke, by county — Behavioral Risk Factor Surveillance System, United States, 2010**

County	Sample size	%	SE	(95% CI)
Richland County, South Carolina	501	6.3	1.8	(2.8–9.8)
Minnehaha County, South Dakota	459	3.5	0.8	(1.9–5.1)
Pennington County, South Dakota	512	3.3	0.8	(1.7–4.9)
Davidson County, Tennessee	315	4.0	1.2	(1.6–6.4)
Hamilton County, Tennessee	309	4.7	1.2	(2.3–7.1)
Knox County, Tennessee	297	5.9	1.5	(2.9–8.9)
Shelby County, Tennessee	305	8.5	1.9	(4.9–12.1)
Sullivan County, Tennessee	390	4.9	1.1	(2.8–7.0)
Bexar County, Texas	715	5.4	0.9	(3.7–7.1)
Dallas County, Texas	292	4.7	1.3	(2.1–7.3)
El Paso County, Texas	609	4.6	1.1	(2.4–6.8)
Fort Bend County, Texas	651	3.3	0.9	(1.6–5.0)
Harris County, Texas	1,033	5.1	0.8	(3.6–6.6)
Hidalgo County, Texas	380	4.0	1.1	(1.8–6.2)
Lubbock County, Texas	581	5.8	1.1	(3.7–7.9)
Midland County, Texas	417	4.1	1.0	(2.2–6.0)
Potter County, Texas	248	4.0	1.3	(1.5–6.5)
Randall County, Texas	365	3.0	1.0	(1.1–4.9)
Smith County, Texas	533	6.4	1.2	(4.1–8.7)
Tarrant County, Texas	461	4.4	1.2	(2.1–6.7)
Travis County, Texas	533	3.3	1.4	(0.6–6.0)
Val Verde County, Texas	413	4.5	1.2	(2.2–6.8)
Webb County, Texas	539	2.9	0.7	(1.5–4.3)
Wichita County, Texas	542	6.7	1.3	(4.2–9.2)
Davis County, Utah	540	3.9	0.8	(2.2–5.6)
Salt Lake County, Utah	2,196	3.7	0.4	(2.9–4.5)
Summit County, Utah	328	1.9	0.8	(0.3–3.5)
Tooele County, Utah	322	4.9	1.4	(2.2–7.6)
Utah County, Utah	655	4.7	0.9	(2.9–6.5)
Weber County, Utah	550	5.2	1.0	(3.3–7.1)
Chittenden County, Vermont	1,097	2.7	0.5	(1.8–3.6)
Franklin County, Vermont	332	6.2	1.4	(3.5–8.9)
Orange County, Vermont	283	2.9	1.1	(0.7–5.1)
Rutland County, Vermont	526	2.3	0.7	(1.0–3.6)
Washington County, Vermont	535	3.5	0.9	(1.8–5.2)
Windsor County, Vermont	554	3.5	0.8	(1.9–5.1)
Benton County, Washington	293	2.8	0.9	(1.1–4.5)
Clark County, Washington	854	3.7	0.6	(2.5–4.9)
Franklin County, Washington	172	3.7	1.6	(0.6–6.8)
King County, Washington	2,323	3.1	0.4	(2.4–3.8)
Kitsap County, Washington	733	3.7	0.7	(2.3–5.1)
Pierce County, Washington	1,285	4.2	0.6	(3.0–5.4)
Snohomish County, Washington	1,240	3.1	0.5	(2.1–4.1)
Spokane County, Washington	935	4.1	0.8	(2.6–5.6)
Thurston County, Washington	570	3.6	0.7	(2.2–5.0)
Yakima County, Washington	568	4.7	1.2	(2.4–7.0)
Kanawha County, West Virginia	406	7.5	1.4	(4.8–10.2)
Milwaukee County, Wisconsin	894	4.3	1.1	(2.2–6.4)
Laramie County, Wyoming	714	3.3	0.6	(2.1–4.5)
Natrona County, Wyoming	599	5.4	1.0	(3.4–7.4)
Median		4.3		
Range		1.7–8.8		

Abbreviations: SE = standard error; CI = confidence interval.

\* Estimate not available (NA) if the unweighted sample size for the denominator was &lt;50 or if the confidence interval half width is &gt;10.

**TABLE 70. Selected Healthy People 2010 objectives\* and estimated prevalence ranges for selected indicators by state, metropolitan and micropolitan statistical area (MMSA), and county — Behavioral Risk Factor Surveillance System (BRFSS), United States, 2010**

Objective No.	Objective	2010 target (%)	Prevalence range for states (%)	Prevalence range for MMSAs† (%)	Prevalence range for counties‡ (%)
1-1	Increase the proportion of persons with health insurance¶	100	69.4-95.7	45.7-97.0	45.7-97.2
3-11b	Increase the proportion of women aged ≥18 years who received a Papanicolaou (PAP) test within preceding 3 years	90	67.8-88.9	63.3-91.0	63.2-95.7
3-12	Increase the proportion of adults aged ≥50 years who receive a colorectal cancer screening examination				
3-12a	Fecal Occult Blood Test within preceding 2 years	33**	8.5-27.0	6.7-51.3	6.8-57.2
3-12b	Sigmoidoscopy/colonoscopy†† in lifetime	50	37.8-75.7	37.3-79.9	37.3-82.5
3-13	Increase the proportion of women aged ≥40 years who received a mammogram during the preceding 2 years	70	63.8-83.6	60.3-86.2	59.3-89.7
14-29a	Increase the proportion of adults aged ≥65 years who are vaccinated against influenza	90	26.9-73.4	51.7-77.1	49.3-87.8
14-29b	Increase the proportion of adults aged ≥65 years who have ever been vaccinated against pneumococcal disease	90	24.7-74.0	48.6-79.9	47.6-83.1
19-2	Reduce the proportion of adults aged ≥20 years who are obese (BMI ≥30)	15	22.1-35.0	17.1-42.1	13.3-42.1
21-4	Reduce the proportion of older adults who have had all their natural teeth extracted§§	<22**	7.4-36.0	4.8-34.8	2.4-39.3
21-10	Increase the proportion of children and adults who use the oral health care system each year	56	57.2-81.7	47.1-83.5	47.1-88.2
27-1a	Reduce the proportion of adults aged ≥18 years who smoke cigarettes	12	5.8-26.8	5.8-28.5	5.9-29.8

**Abbreviation:** BMI = body mass index.

**Source:** US Department of Health and Human Services. Healthy People 2010: understanding and improving health. Washington, DC: US Department of Health and Human Services; 2000.

\* Certain objective may differ slightly from BRFSS definitions. BRFSS prevalence estimates are not age adjusted.

† Selected metropolitan and micropolitan statistical areas.

‡ Selected counties within the MMSAs for which data were available.

¶ Baseline measured insurance coverage among persons aged <65 years. Based on 1997 National Health Interview Survey (NHIS) data.

\*\* Revised targets. Source: Atlanta, GA; US Department of Health and Human Services, CDC; 2010. Available at <http://wonder.cdc.gov/data2010>.

†† Revised subobjective to include proctoscopy and colonoscopy as well as sigmoidoscopy. BRFSS measured sigmoidoscopy and colonoscopy.

§§ Baseline was 26 for adults aged 65-74 years who have had all their natural teeth extracted. Based on 1997 NHIS data. BRFSS data are for all adults aged ≥65 years.







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